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62.73

PRICE 1923 LIST

# Simon's PERFECTION SEEDS

*for Market Gardeners*



*A Florida Field of Kirby's Stays Green Cucumber  
For description and price see page 19*

# SPECIAL NOTICE

We make a specialty of supplying Market Gardeners with the best strains of seeds that can be produced. We are always on the alert for a better strain, and if we find it, we spare no expense in securing stock of it. We handle absolutely nothing that we do not believe to be the best obtainable. We do not claim to compete in prices with irresponsible parties, whose sole effort is to secure the lowest priced seeds, regardless of quality; such seeds are not cheap, but dear at any price. The first cost of seeds is insignificant, compared with time and labor that must be expended upon a growing crop. Quality is our first consideration, and the prices we offer are as low as first-class seeds can be sold for.

It is our endeavor to maintain the prices quoted in this Catalogue throughout the season, but they are subject to change without notice.

## How to Order and Remit—Read Carefully

Use the order sheet enclosed in Catalogue if possible. Write your name, post-office, shipping point or nearest express office, your County and State.

**PREPAID ORDERS:**—We prepay postage on all vegetable and flower seeds, in packets, ounces, quarter pounds, half pounds and pounds, at prices quoted herein, to any point in the UNITED STATES, CANADA, SOUTH AMERICA or the WEST INDIES when CASH accompanies the order, except on BEANS, PEAS and CORN. This does not include these same articles as quoted in FIVE or TEN POUND lots. For such orders consult Parcel Post Rates below. We do not prepay postage on Beans, Corn, Peas, Farm Seeds, Onion Sets, Potatoes, Bulbs, Fertilizers, etc. If wanted by Parcel Post, add postage. See Postal Rates below.

The postage rate to CANADA, SOUTH AMERICA and the WEST INDIES is 12 cents per pound.

**BULK ORDERS OF SMALL SEEDS:**—WE WILL PAY the FREIGHT or EXPRESS CHARGES, our option, to your nearest Railroad Station to any point in the UNITED STATES or CANADA on all orders amounting to TEN DOLLARS or more, provided the order is for SMALL SEEDS only, and cash accompanies order. This does not include PEAS, BEANS, CORN, POTATOES, ONION SETS, CLOVER SEED, GRASS SEED, VETCH, RAPE, IMPLEMENTS, FERTILIZERS, INSECTICIDES, BULBS, COW PEAS or GRAIN of any kind which are shipped at purchaser's expense. If there is only a slight difference between freight and express charges, we will send by EXPRESS in each instance. Remittances should be made by POSTAL MONEY ORDER, EXPRESS MONEY ORDER, CERTIFIED CHECK, or by REGISTERED LETTER.

**C. O. D ORDERS:**—If goods are to be sent C. O. D. or SIGHT DRAFT BILL OF LADING ATTACHED, 25 per cent. of the amount must accompany the order.

Parties buying large quantities of any one variety will be quoted special prices on application.

All prices are Net, and while we do not think there will be any serious change, are made subject to market changes and prior sale.

## Parcel Post Rate

**WEIGHT LIMIT:**—The weight limit within the first, second and third zones is now 70 pounds, and within all other zones 50 pounds.

Shipments of 20 pounds or over are cheaper if sent by Express beyond the third zone.

### DOMESTIC PARCEL POST RATES WITHIN U. S. AND POSSESSIONS. RATES FROM PHILADELPHIA, PA.

	First Pound or Fraction	Each Additional Pound or Fraction
First Zone, within 50 miles of Philadelphia.....	5c	1c
Second Zone, within 50-150 miles of Philadelphia.....	5c	1c
Third Zone, within 150-300 miles of Philadelphia.....	6c	2c
Fourth Zone, within 300-600 miles of Philadelphia.....	7c	4c
Fifth Zone, within 600-1000 miles of Philadelphia.....	8c	6c
Sixth Zone, within 1000-1400 miles of Philadelphia.....	9c	8c
Seventh Zone, within 1400-1800 miles of Philadelphia.....	11c	10c
Eighth Zone, all over 1800 miles of Philadelphia.....	12c	12c

If in doubt obtain your zone rate from your Postmaster.

Express and freight rates are cheaper in large quantities. We make no charge for delivery to depot or express office

## We Do Not Warrant Seeds

The fact that no reputable seedsman now warrants seeds in any respect being well known, renders it unnecessary for us to say very much on this point, as it must be apparent to every intelligent person that no seedsman can afford to send out poor or worthless seeds. There could be no more certain way of destroying his business. We beg to append the following notice:

The seeds offered in this Catalogue have been carefully grown, selected, cleaned and tested for germination, and we believe them to be first-class in every respect, but we cannot guarantee the crop, as too many conditions enter into it; therefore, we give no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once, and if the money has been paid for them it will be refunded.

**I. N. SIMON & SON**

WESLEY D. SIMON

436 & 438 MARKET STREET

Philadelphia, Pa., U. S. A.

NORVAL E. KIRBY

**1923  
ORDER SHEET**

# I. N. SIMON & SON,

436 & 438 MARKET STREET  
PHILADELPHIA  
PENNSYLVANIA, U. S. A.

**All members of one family should order under one name. PERSONAL CHECKS FROM UNKNOWN PATRONS WILL BE CASHED BEFORE ORDER IS EXECUTED**

Please forward the following as per terms of your Descriptive Catalogue to

**AMOUNT ENCLOSED**

Name ..... (Ladies, please use prefix Miss or Mrs.; the latter use husband's initials.  
Write name and address very plainly.)

(Ladies, please use prefix Miss or Mrs.; the latter use husband's initials.  
Write name and address very plainly.)

Date \_\_\_\_\_

**Post Office** \_\_\_\_\_

#### 1.0. Order

R. F. D. No. \_\_\_\_\_ Box No. \_\_\_\_\_ Street \_\_\_\_\_

**Express Order.....**

**Express Office.....**

**Check or Draft .....**

**Freight Depot** \_\_\_\_\_

**Cash**

**County** \_\_\_\_\_ **State** \_\_\_\_\_

### Stamps

HOW SHALL WE SHIP? { State on this line whether wanted by rail, express, boat, etc. }

—  
—  
—

**HOW SHALL WE SHIP?** {State on this line whether wanted}  
{by Mail, Express or Freight} \_\_\_\_\_ **Total** . . .  
If to be sent by Mail be sure to include Postage on goods not quoted postpaid. See inside front cover of catalogue.

**Total . . .**

**For Postage and Express Charges see inside front cover under Special Notice**

## *How to Send Remittance*

**Never send Bills or Currency in a letter. If necessary to do so be sure to REGISTER IT.**  
**The safest form of remittance is a Check, Post Office or Express Money Order.**

**I. N. SIMON & SON** give no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once. (OVER)

## SPECIAL NOTICE:

We shall esteem it a great favor if you will give us in the spaces below the NAMES AND ADDRESSES of any Market Gardeners or Truck Farmers among your acquaintances. We wish to send them our SEED ANNUAL.

# THE PLANTER'S GUIDE

1

Containing a monthly calendar of operations and some useful tables, arranged to help the gardener or farmer in the sowing of seeds or setting out of plants from February to October in the latitude of Philadelphia.

February	March	April	May	June	July	August	September
<b>Sow in Hotbed</b>	<b>Sow in Hotbed</b>	<b>Sow in Hotbed</b>	<b>In Open Ground</b>	<b>In Open Ground</b>	<b>In Open Ground</b>	<b>In Open Ground</b>	<b>In Open Ground</b>
Early Beans	Early Beans	Cucumber	Artichoke	Beans, Lima and all other sorts	Beans	Beans, Bush	Cabbage for cold frames
Broccoli	Early Beets	Eggplant	Asparagus	Beets	Beets	Tuberous Cere-	Cauliflower for cold frames
Early Cabbage	Brussels	Melon	Beans, Bush and Running	Broccoli	Sweet Corn	Salad	Tuberous Cher-
Forcing Carrot	Sprouts	Pepper	Beets	Brussels	Corn Salad	Cucumber	Cher-
Early Celery	Early Cabbage	Tomato	Brussels	Sprouts	Endive	Lettuce	cel
Cucumber	Forcing Carrot		Celery	Late Cabbage	Cucumber	Corn Salad	Cabbage
Eggplant	Cauliflower		Sprouts	Carrot	Endive	Wales Onion	for cold frames
Early Lettuce	Celery		Cress	Cauliflower	Gherkin	Early Peas	Cauliflower for
Parsley	Eggplant		Cress	Celery	Kale	Radish	cel
Pepper	Kohlrabi		Cress	Sweet Corn	Kohlrabi	Spinach	Spinach
Radish	Lettuce		Cress	Cress	Cucumber	Turnip	Turnip
Tomato	Parsley		Cress	Cucumber	Lettuce	Mustard	Winter Radish
	Radish	Early Cabbage	Cucumber	Endive	Nasturtium	Rutabaga	Spinach
	Tomato	Carrot	Kohlrabi	Kale	Okra		Turnip
<b>In Open Ground</b>		Celery	Leek	Kohlrabi	Early Peas		
<b>In Open Ground</b>		Cress	Lettuce	Lettuce	Pumpkin		
<b>In Open Ground</b>		Kohlrabi	Melon	Melon	Radish		
<b>In Open Ground</b>		Beets	Onion	Nasturtium	Spinach		
<b>In Open Ground</b>		Carrot	Lettuce	Okra			
<b>In Open Ground</b>		Onion	Parsnip	Early Peas			
<b>In Open Ground</b>		Leek	Peas	Potatoes			
<b>In Open Ground</b>		Parsley	Parsnip	Pumpkin			
<b>In Open Ground</b>		Peas	Parsnip	Melon			
<b>In Open Ground</b>		Potatoes	Potatoes	Radish			
<b>In Open Ground</b>		Radish	Radish	Radish			
<b>In Open Ground</b>		Spinach	Spinach	Salsify			
<b>In Open Ground</b>		Early Turnip	Early Turnip	Spinach			
<b>In Open Ground</b>				Squash			
<b>In Open Ground</b>				Herbs			

We Suggest a trial  
of our  
Chinese Cabbage

Six Distinct  
Varieties

## Quantity of Seeds Usually Sown per Acre

Asparagus Roots, 4x1 ft.	10,000
Barley, broadcast.	.2 to 3 bushels
Beans, dwarf in drills.	1½ bushels
Beans, pole, in drills.	10 to 12 quarts
Beets, in drills.	.5 to 6 pounds
Broom Corn, in drills	8 to 10 pounds
Buckwheat.	1 bushel
Cabbage in beds, to transplant	¼ pound
Carrots, in drills.	.3 to 4 pounds
Corn, in hills.	8 to 10 quarts
Corn, for fodder.	.3 bushels
Cow Peas.	1½ to 2 bushels
Cucumber, in hills.	.2 pounds
Flax, broadcast.	1½ bushels
Hemp.	1½ bushels
Melon, Musk, in hills.	2 to 3 pounds
Melon, Water, in hills.	4 to 5 pounds
Mustard, broadcast.	½ bushel
Oats, broadcast.	2 to 3 bushels
Onion, in drills.	5 to 6 pounds
Onions for sets, in drills	.50 pounds
Parsnip, in drills.	4 to 6 pounds
Peas, in drills.	1½ bushels
Peas, broadcast.	.3 bushels
Potatoes, cut tubers.	10 bushels
Pumpkin, in hills.	3 to 4 pounds
Radish, in drills.	.8 to 10 pounds
Rape, dwarf, Essex, broadcast	5 to 6 pounds
Rye, broadcast.	1½ bushels
Sage, in drills.	8 to 10 pounds
Salsify, in drills.	8 to 10 pounds
Spinach, in drills.	10 to 12 pounds
Spinach, broadcast.	.30 pounds
Squash, bush varieties, in hills	4 to 6 pounds
Squash, running, in hills.	.3 to 4 pounds
Sugar Cane or Sorghum.	10 to 12 pounds
Sudan Grass, broadcast	15 to 20 pounds
Sudan Grass, in rows.	2 to 3 pounds
Tomato, to transplant.	.¼ pound
Turnip, in drills.	1½ pounds
Turnip, broadcast.	.2 to 4 pounds
Vetches, broadcast.	.45 to 60 pounds
Wheat, broadcast.	1½ to 2 bushels

## Grass Seeds to the Acre

Red Clover.	10 to 15 pounds
White Clover (Dutch).	.10 pounds
Alfalfa or Lucerne.	.20 pounds
Alsike Clover.	.12 pounds
Sweet Clover, white blossom.	.25 pounds
Crimson Clover.	12 to 15 pounds
Timothy.	.15 pounds
Hungarian Grass.	.1 bushel
Pasture Grass.	2½ to 3 bushels
Blue Grass.	2½ to 3 bushels
Rye Grass.	1½ to 2 bushels
Orchard Grass.	1½ to 2 bushels
Red Top Grass.	1½ to 2 bushels
Mixed Lawn Grass.	.5 bushels
Millet.	.1 bushel

## Table Showing Weight of Various Articles

Barley.	per bushel, 48 lbs.
Beans.	per bushel, 60 lbs.
Buckwheat.	per bushel, 48 lbs.
Broom Corn.	per bushel, 46 lbs.
Blue Grass.	per bushel, 14 lbs.
Clover Seed.	per bushel, 60 lbs.
Corn, Field, Shelled.	per bushel, 56 lbs.
Corn, on the ear.	per bushel, 70 lbs.
Flax Seed.	per bushel, 56 lbs.
Hemp Seed.	per bushel, 40 lbs.
Hungarian Grass Seed.	per bushel, 48 lbs.
Millet, Japanese.	per bushel, 32 lbs.
German Millet.	per bushel, 50 lbs.
Oats.	per bushel, 32 lbs.
Onion Sets.	per bushel, 32 lbs.
Orchard Grass.	per bushel, 14 lbs.
Perennial Rye Grass.	per bushel, 24 lbs.
Peas.	per bushel, 60 lbs.
Rape, dwarf, Essex.	per bushel, 50 lbs.
Red Top Grass Seed.	per bushel, 10 lbs.
Rye.	per bushel, 56 lbs.
Spinach.	per bushel, 40 lbs.
Timothy Seed.	per bushel, 45 lbs.
Top Onions.	per bushel, 28 lbs.
Turnip.	per bushel, 55 lbs.
Vetches.	per bushel, 60 lbs.
Wheat.	per bushel, 60 lbs.

## Number of Plants to the Acre

Distance Apart	No. of Plants
1 foot by 1 foot	43,560
1½ feet by 1½ feet.	19,360
2 feet by 1 foot.	21,780
2 feet by 2 feet.	10,390
2½ feet by 2½ feet.	6,969
3 feet by 2 feet.	7,600
3 feet by 3 feet.	4,840
4 feet by 4 feet.	2,722
5 feet by 5 feet.	2,178
6 feet by 6 feet.	1,742
8 feet by 8 feet.	1,210
10 feet by 10 feet.	680
12 feet by 12 feet.	435
15 feet by 15 feet.	302
18 feet by 18 feet.	193
20 feet by 20 feet.	134
25 feet by 25 feet.	109
30 feet by 30 feet.	70

Number of Plants Produced from an Ounce of Seed	Plants
Asparagus.	about 300
Broccoli.	" 2,000
Cabbage.	" 2,000
Cauliflower.	" 2,000
Celery.	" 3,000
Egg Plant.	" 1,000
Endive.	" 3,000
Kale.	" 2,000
Leek.	" 1,000
Lettuce.	" 3,000
Pepper.	" 2,000
Tomato.	" 3,000
Sage.	" 1,000
Thyme.	" 5,000

## THE PLANTER'S GUIDE—Continued

## Time Required for Maturity of Different Garden Crops Reckoned from Day of Planting the Seed

Beans—String	45 to 65 days
Beans—Shell	65 to 75 days
Beet—Table	65 days
Beets—Stock	150 days
Cabbage—Early	105 days
Cabbage—Late	150 days
Cauliflower	110 days
Corn	70 to 120 days
Egg Plant	150 to 160 days
Lettuce—Heading	65 days
Melon—Water	120 to 140 days
Melon—Musk	120 to 140 days

Onion	135 to 150 days	Cauliflower	5 to 10 days
Pepper	140 to 150 days	Corn	5 to 8 days
Radish	30 to 40 days	Cucumber	6 to 10 days
Squash—Summer	60 to 65 days	Endive	5 to 10 days
Squash—Winter	125 days	Lettuce	6 to 8 days
Tomato	150 days	Onion	7 to 10 days
Turnip	60 to 70 days	Peas	7 to 10 days
Spinach, average time	45 to 65 days	Parsnip	10 to 20 days

## Average Time Required for Garden Seed to Germinate.

Beans	5 to 10 days
Beet	7 to 10 days
Cabbage	5 to 10 days
Carrot	12 to 18 days

Cauliflower	5 to 10 days
Corn	5 to 8 days
Cucumber	6 to 10 days
Endive	5 to 10 days
Lettuce	6 to 8 days
Onion	7 to 10 days
Peas	7 to 10 days
Parsnip	10 to 20 days
Parsley	15 to 21 days
Pepper	9 to 14 days
Radish	3 to 6 days
Spinach	7 to 12 days
Salsify	7 to 12 days
Tomato	6 to 12 days
Turnip	4 to 8 days

## TESTIMONIALS

## We could print hundreds more if we had the space.

"Last year I planted 2 lbs. of your Delicious Cantaloupe Seed. I have raised Cantaloupes for market for sixteen years at this location and last year's crop was the only one I ever raised when there was not a loss of from 20% to 50% by splitting open on hot days after a shower.

"The Delicious did not split. As your catalog does not give this trait and it is of great importance to Southern Growers, I am under the impression you do not know it."

(Signed) B. H. BICKNELL, Jr.,  
Citronelle, Alabama.

"The Seeds we received from you last year proved more than satisfactory, and have more confidence in you than all other seedsmen from whom we have bought before."

(Signed) JULIUS PETER,  
West Allis, Wisconsin.

"Your seeds are the best I ever had. I believe every seed of everything I ordered came up."

(Signed) E. O. HENDRICKS,  
Evergreen, Ala.

"I received my order of Seeds, which I ordered February 29th, today, March 2nd. I got everything all O. K. It sure was packed fine and such quick service as your firm gave the order is surely something to be well proud of; and I hope to, next year, be able to send a very much bigger order.

"Thanking you very much for your quick service and wishing your firm every success, I am

Yours truly, A. R. BECKELER,  
R. F. D. No. 1, Egg Harbor, N. J."

"I have ordered your Incomparable Second Early Beet Seed several times this season, and find them true to name. No mixture. We have been growing your Incomparable throughout the season for several years."

(Signed) HENRY J. HUSTER,  
3758 Neosho St., St. Louis, Mo.

"All the seeds we got from you last year bore excellently, and we will have our large order in soon."

(Signed) E. GEORGE ESCHE,  
R. F. D. No. 3, Newtown, Pa.

## QUANTITY OF SEED TO SOW A SINGLE ROW OF 100 YARDS

Asparagus	8 oz.	Cress	4 oz.	Onion (for sets)	8 oz.
Beans, Bush	3 qts.	Cucumber	4 oz.	Parsley	2 oz.
Beans, Lima	3 pts.	Dandelion	3 oz.	Parsnip	3 oz.
Beans, Pole	3 pts.	Egg Plant	1 oz.	Peas	3 qts.
Beet	5 oz.	Endive	2 oz.	Pepper	1 oz.
Broccoli	1 oz.	Kohl Rabi	2 oz.	Pumpkin	2 oz.
Brussels Sprouts	1 oz.	Leek	2 oz.	Radish	6 oz.
Cabbage	2 oz.	Lettuce	2 oz.	Rhubarb	4 oz.
Carrot	3 oz.	Melon, Musk	2 oz.	Salsify	4 oz.
Cauliflower	2 oz.	Melon, Water	3 oz.	Spinach	6 oz.
Celery	3 oz.	Mustard	4 oz.	Squash	3 oz.
Collards	3 oz.	Okra	12 oz.	Tomato	1 oz.
Corn	1 pt.	Onion (for large bulbs)	2 oz.	Turnip	3 oz.

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## MARKET GARDENERS' PRICE LIST

### ARTICHOKE

**Large Green Globe:** Perennial.—Grown for its large flower heads, and cooked like asparagus. Matures the second year.  
Pkt., 10c.; oz., 50c.;  $\frac{1}{4}$  lb., \$1.60; lb., \$6.00.

### ASPARAGUS

German, **Spargel.** French, **Asperge.** Spanish, **Esparragos.**  
**Cultural Directions.**—1 ounce for 300 roots.

Asparagus Seed is sown in the spring. The earlier the better after frost is out of the ground and the soil in good workable condition, not sticky. Scatter the seed an inch apart in drills 2 to 3 feet apart and cover with about  $\frac{3}{4}$ -inch of soil. After the plants are well up thin them to stand not less than 2 inches apart. Such seedlings, if kept cultivated, free from weeds and not allowed to suffer from lack of water, during summer and autumn will be fit to be planted out in permanent beds the succeeding spring and should commence bearing in 3 or 4 years from seed sowing.

**Washington.**—This variety is the result of careful breeding by the U. S. Department of Agriculture, Washington, D. C., with the object of eliminating rust. It produces large straight shoots of a dark green color. The tips are tight and firm and do not open out or begin to branch until well out of the ground; a very valuable feature. Pkt. 15c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.35; lb., \$5.00; 10 lbs., \$47.50.

**Early Giant French Argenteuil.**—A variety imported from France, which is claimed to resist rust better than some American sorts. It produces an abundance of heavy dark green shoots and is very early.  
Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.; 10 lbs., \$8.50.

**Palmetto.**—A very early maturing and prolific variety, producing numerous deep green shoots of excellent quality. One of the most popular varieties.  
Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.; 10 lbs., \$8.50.

**Starkey's Mammoth Prolific.**—Originated at Bustleton, Philadelphia, and is well known in the Philadelphia market. Produces heavy green shoots of fine quality and always brings the highest market price.  
Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.; 10 lbs., \$8.50.

### ASPARAGUS ROOTS

**Cultural Directions.**—A saving of one to two years is effected by planting roots. A bed 12 x 40 feet, requiring about 100 roots, should give a sufficient supply for an ordinary family; 5000 roots will plant an acre. Select good loamy soil, plow deep, put in good quantity of manure and 100 pounds kainit to 1000 square feet of bed. Mix thoroughly, make a trench eight inches deep, set plants nine inches apart. In field culture, rows are placed four feet apart.

**Postage Extra, 25c. per 100.**

We can supply strong two-year-old roots of the following varieties:  
**Washington**, per 100, \$2.00; per 1000, \$15.00.

**Early Giant French Argenteuil**, per 100, \$1.25; per 1000, \$8.00.  
**Palmetto**, per 100, \$1.25; per 1000, \$8.00.

**Starkey's Mammoth Prolific**, per 100, \$1.25; per 1000, \$8.00.

### BEANS

German, **Zwerg Bohnen.** French, **Haricot.** Spanish, **Frijole nano.**  
One pound of Beans equals one pint.

**Postage Extra. Consult "Postal Directions," inside front cover.**

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

### DWARF OR BUSH—Wax Podded Varieties

**Notice.**—In common with other seedsmen, we sell Beans and all other seeds by the pound.

**Cultural Directions.**—Beans can be planted with safety any time from April 1st to September 1st. They do better in light, loamy soil, but will thrive well in any good soil. Sow in rows  $2\frac{1}{2}$  or 3 feet apart; 2 lbs. will sow 100 feet of drill; 30 to 60 lbs. to the acre.

#### Brittle Wax or Round Pod Kidney Wax.

The best of the round podded sorts, maturing early, prolific and bearing long stringless, waxy, yellow pods of excellent quality. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

#### Burpee's New Kidney Wax.

A more robust and prolific grower than Wardwell's. The flat, brittle, fleshy pods are of a rich lemon color, stringless, and of fine flavor. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

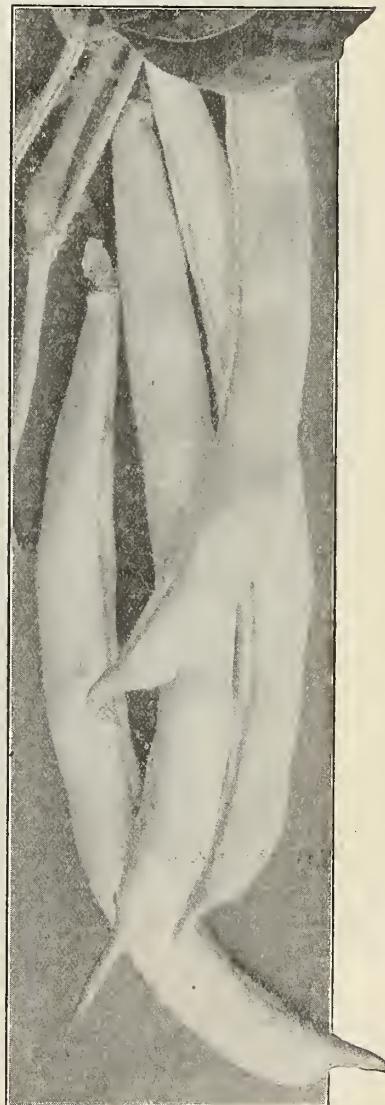
#### California Rust Proof Wax.

An extra early, extremely hardy variety, producing an abundance of handsome, long, yellow, flat pods. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

#### Cracker Jack Wax.

Since our introduction of this unrivaled wax bean, we have received the most flattering testimonials from growers in all parts of the country commanding its superior merits. It combines every quality that a bean should possess—extreme earliness, productivity, immunity to spot or blight and vigor of habit. The pods are flat, of a beautiful golden color, very fleshy and entirely stringless. **Cracker Jack** is the most suitable name we can use to do justice to this remarkable wax bean, as it has never failed to give the utmost satisfaction.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.



Cracker Jack Bean.

# BEANS—Continued

INOCULATE THIS  
SEED WITH  
MULFORD CULTURE

## DWARF OR BUSH— Wax Podded Varieties

**Postage Extra. Consult "Postal Directions" on front inside cover.**

**Currie's Rust-Proof Wax.**—Hardy, early and prolific; long, flat, yellow pods. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Davis Kidney Wax.**—A prolific early white-seeded variety, with long, white waxy pods. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Hodson Wax or Golden Queen.**—Matures ten days to two weeks later than the early varieties. Pods are long, flat and of a light yellow or creamy-white color. Very strong grower and prolific. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

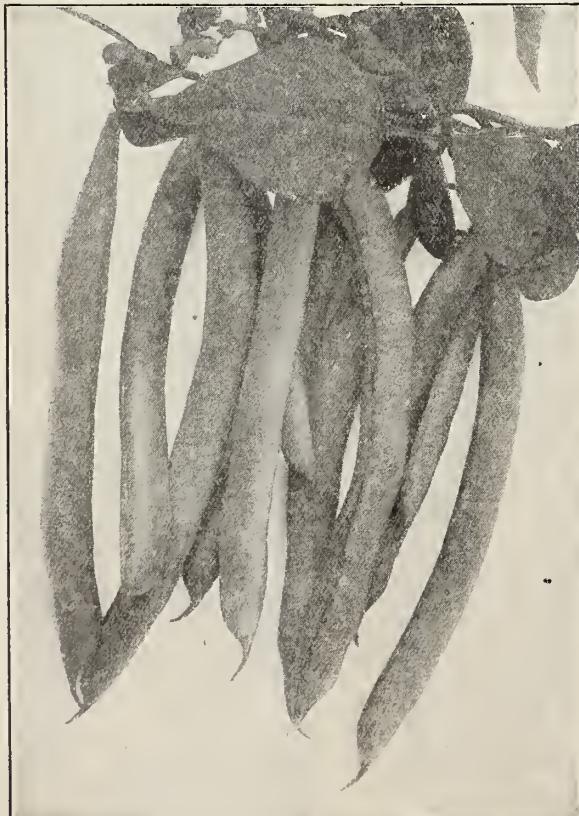
**Pencil Pod Black Wax.**—Extra early, round, stringless, waxy white pods of excellent quality and very prolific. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Pod Spot Proof Wax.**—An excellent variety of recent introduction, extremely early, hardy and prolific. The pods which measure 7 inches in length are of a beautiful golden color, almost stringless and free from spot. An ideal variety for the market gardener. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Rust Proof Golden Wax.**—A medium early flat podded productive variety of bushy upright vigorous growth. The pods are straight, of a lemon yellow color, brittle, fleshy and of excellent rust proof qualities. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Wardwell's Kidney Wax.**—One of the most popular flat podded wax beans. The long beautiful waxy pods are attractive, and brittle, measuring 6 inches in length, early and prolific. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Webber Wax.**—Extra early; very prolific; pods almost round; good deep color and fine quality. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.



Simon's Stringless Round Pod.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

**Sure Crop Wax.**—A recent introduction similar to Curries Rust Proof. It matures a few days later; pods are longer thicker through and entirely stringless. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

## DWARF OR BUSH—

### GREEN PODDED VARIETIES

**Postage Extra. Consult "Postal Directions" on front inside cover.**

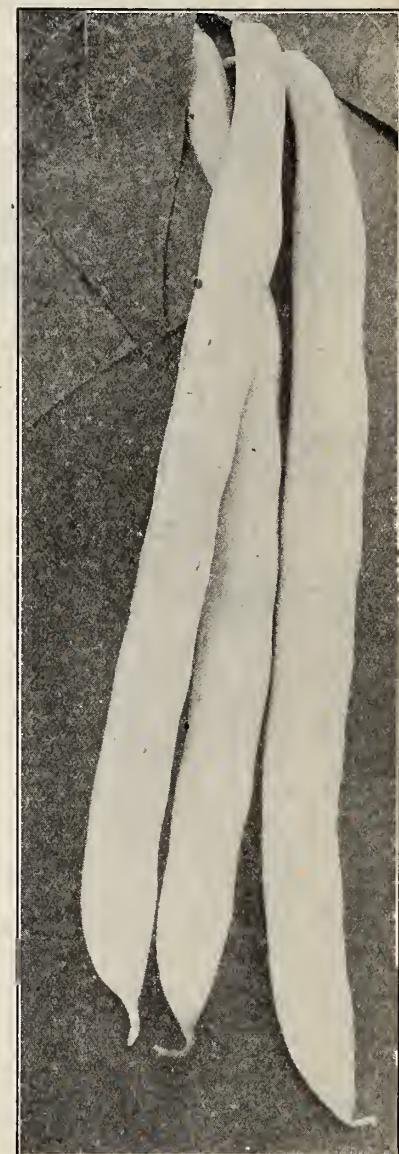
**Black Valentine.**—Very popular on account of its extreme hardiness and earliness. The pods are long, smooth, straight, round, of a bright green color, and of remarkable blight resisting qualities.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Bountiful.**—An extra early flat-podded sort; stringless and of fine quality.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Burpee's Stringless Green Pod.**—An extra early, round-podded prolific sort, bearing abundantly, long bright green, stringless pods of excellent quality. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.



Pod Spot Proof Wax.

**Dwarf Horticultural.**—(Also called Italian Bean). Large green pods, splashed with carmine. Excellent either as snaps in the green state, shelled green or dry. They become fit for use as green shelled beans very early, and in this condition the beans are very large, easily shelled and about equal to the lima in quality. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Early Refugee.**—Early and prolific; pods medium length, round and of bright green color. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Extra Early Red Valentine.**—One of the most popular green-podded sorts. The pods are only medium length, but are very prolific. Our stock is the true round podded. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Fordhook Favorite.**—This new variety resembles Burpee's Stringless Green Pod in every respect, with the exception that the seeds are white. The seed resembles a White Marrow, and if green beans are not selling at a paying price, they can be allowed to dry and sold for winter shell beans. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Full Measure.**—One of the best second early round podded sorts of recent introduction. The pods are long, of a bright green color, entirely stringless, and slightly irregular in shape. Very prolific and of excellent quality. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

## BEANS—Continued

## DWARF OR BUSH—

## Green Podded Varieties

Postage extra. Consult "Postal Directions" on front inside cover.

**French Horticultural.**—Ten days later than Dwarf Horticultural; pods are longer and more highly colored.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**French Stringless.**—Early and prolific. Pods extra long, round, straight and smooth, of a beautiful green color, and stringless while young. One of the best sorts for main crop.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Giant Stringless Green Pod.**—A very productive, long, round-podded sort, maturing a little later than Burpee's Stringless.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Keeney's Stringless Refugee.**—Precisely the same as Refugee Thousand-to-One, except that it is absolutely stringless. This is a valuable acquisition for canners or those who want a bean of this class without strings.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**King of the Earlies.**—The earliest of the green-podded sorts. The pods are round, long and smooth; of a bright green color; very hardy and productive.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Late Refugee or Thousand-to-One.**—This variety is usually sown for a fall crop, maturing two weeks later than Early Refugee. The pods are round, of medium size, light green in color, and protected from light frosts by its dense foliage; very prolific.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Longfellow.**—Long, round, straight pods; extra early; prolific and of delicious flavor.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Lowe's Champion or Dwarf Red Cranberry.**—A fine shell or string bean; a favorite with Boston market gardeners. It is very prolific and a vigorous grower, the pods hanging well off the ground.

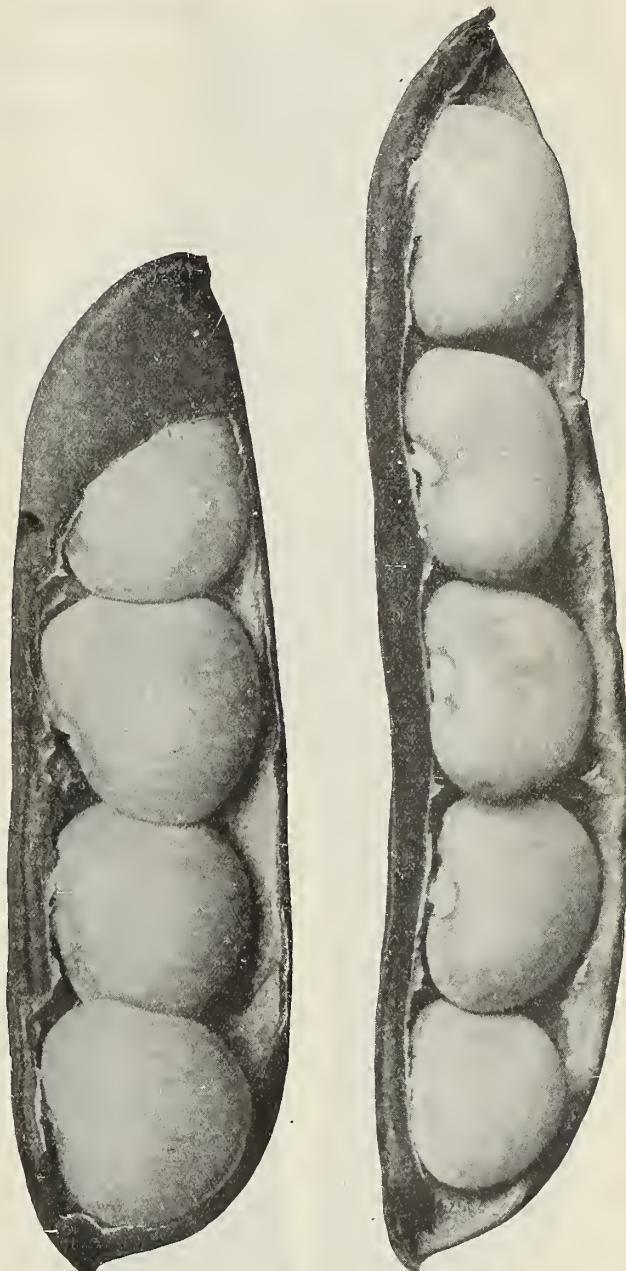
Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Simon's Stringless Round Pod.**—A new second early variety, producing an abundance of long, stringless, round pods of excellent quality. No matter how old, there is no sign of a string. We recommend it for second or late planting.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Tennessee Green Pod.**—A hardy, vigorous mid-season variety, and popular in the South. The pods are flat, somewhat irregular in shape, almost stringless, extremely large, measuring 6 to 7 inches in length, of a dark green color, and exceptional quality. Very productive.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.



Wonderful  
Bush Lima  
Natural Size.

Early Giant  
Podded Bush Lima  
Natural Size.

## LIMA BEANS—Dwarf or Bush

**Cultural Directions.**—Dwarf, or Bush Limas, should be planted in rows three feet apart, dropping two or three beans fifteen inches apart in the row. Cover about an inch deep. Dwarf Limas require no support. One pound will plant 100 feet.

Postage extra. Consult "Postal Directions" on front inside cover.

**Burpee's Bush Lima.**—Well-known, popular variety, producing numerous pods of large beans.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.10; 100 lbs., \$19.00.

**Burpee's Improved Bush Lima.**—Larger pod and a few days earlier than Burpee's Bush Lima; beans thicker and of good quality.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

**Dreer's New Wonder Bush Lima.**—This bean while similar in growth and vigor to the regular strain of Dreer's Bush, is flat in shape, a little larger than the ordinary strain, much earlier, and of excellent quality.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.10; 100 lbs., \$19.00.

**Early Giant-Podded Bush Lima.**—The largest and earliest Bush Lima. Pods contain four to five large beans, set close together in the pods. Two weeks earlier than Fordhook. It is very prolific and of excellent quality.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

## BEANS—Continued

## LIMA BEANS—Dwarf or Bush

Postage extra. Consult "Postal Directions" on front inside cover.

**Fordhook Bush Lima.**—An improved Dreer's Bush Lima. Both pods and beans are larger and the bushes are more erect. The beans are thick through, of good size, and are close together in the pod. Very prolific.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.70; 100 lbs., \$25.00.

**Henderson's Improved Bush Lima.**—An extra early, exceedingly prolific lima of true bush form. Both pods and beans are quite small, but of excellent quality.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Wonderful Bush Lima.**—A selected strain of Fordhook Bush, producing broader and larger pods with larger beans. Pods average four large beans set one against the other, and are borne well up off the ground, thus preventing rotting during wet weather. The beans when shelled are green. Early and very prolific, and we pronounce it one of the best Bush Limas.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.70; 100 lbs., \$25.00.

**Carpinteria Green Seed-ed.**—The vine is very strong and vigorous, with many large branches or runners, and produces a great many pods, which are closely filled with very large, broad-seeded, plump, thick, green, perfect beans.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Challenger, or Dreer's Improved.**—Also known as Potato Lima. Vine very stout, vigorous and productive. The pods are much thicker than those of other limas, with an average of four thick beans set one against the other in the pod so closely that the ends of the beans are indented. It is early, continues to produce large clusters until frost. It will shell out more than the flat-podded sorts.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Chris. Simon's Large Podded Green.**—Originated with Mr. Christopher Simon, a well-known Philadelphia Market Gardener, whose name it bears.

The pods are borne in great profusion, and contain five large, rather thick beans set close together in the pod.

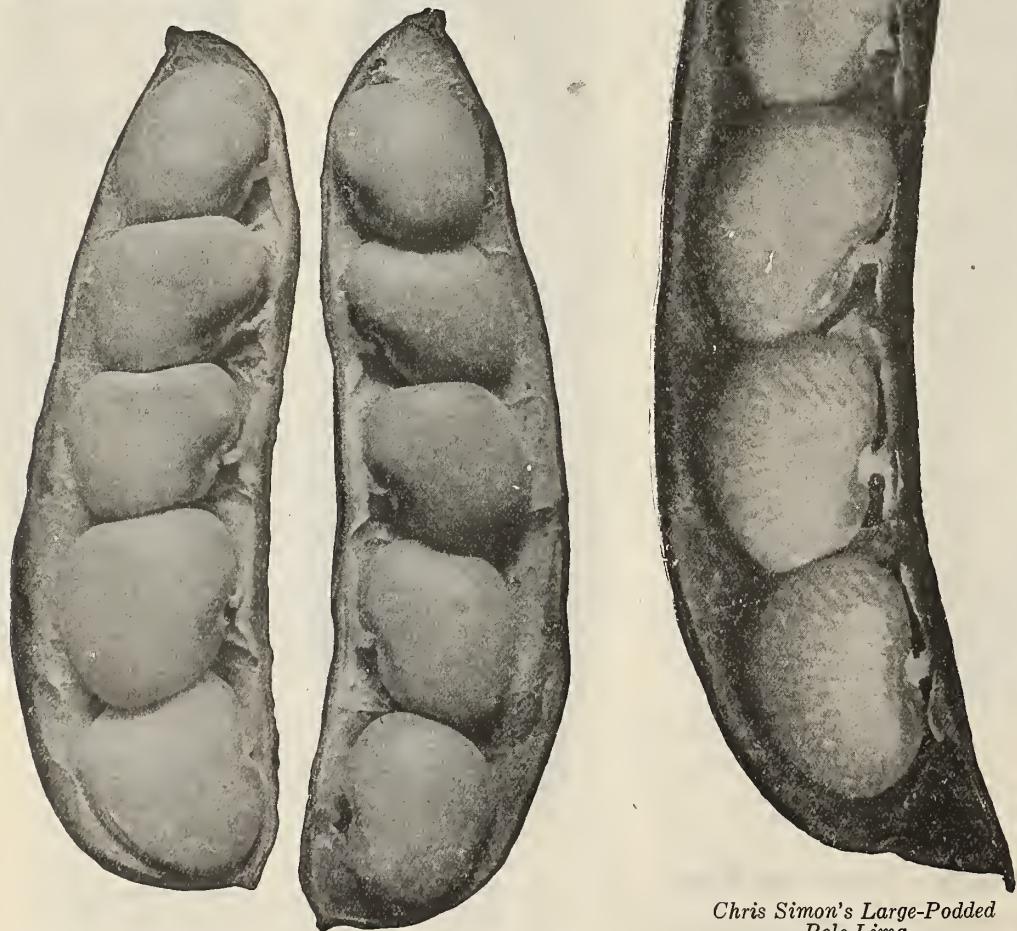
A valuable feature is that every bean is green when shelled, and the quality is unexcelled. It is a medium early variety and continues to bear until frost. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Early Leviathan.**—A week earlier than any of the large-podded sorts. Pods borne in large clusters and contain four to five good-sized green beans. Very productive.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Ford's Mammoth Podded.**—One of the largest and most productive lima beans, bearing large clusters of broad pods, six to eight inches long, containing four to six large beans of excellent quality. Medium early.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.



Walter's Prolific Thick Pole Lima, Natural Size.

Chris Simon's Large-Podded Pole Lima.  
Natural Size

## LIMA BEANS—Pole Varieties

German, *Stangenbohnen*.

French, *Haricot a rames*.

Spanish, *Judia*.

**Cultural Directions.**—These are much stronger growers than Bush Beans and require good, strong stakes. They give a much greater yield than bush beans, but being more tender should never be plated before May in this section. Use poles about 8 to 9 feet long and set firmly four feet apart each way. Plant four beans in a hill, one and one-half to two inches deep. When well started, thin to three plants in a hill. One pound will plant 75 hills.

**Ideal.**—Produces a tremendous crop of pods averaging seven inches long, filled with five to six extra large beans of excellent quality. Season medium late.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Walter's Prolific Thick.**—An improvement on Challenger. Both pods and beans are larger, and it is more prolific. The shelled beans are deeper green. Decidedly the best of the thick, chunky or Potato Limas. Pkt., 10c.; lb., 35c.; 10 lbs., \$2.70; 100 lbs., \$25.00.

## BEANS—Continued

## LIMA BEANS—Pole Varieties

German, **Stangenbohnen**French, **Haricot a rames**Spanish, **Judia**

**King of the Garden.**—Vines vigorous and productive. The pods are long and contain four to five immense white beans of excellent quality. Medium early.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Selbert's Large Early.**—Extra early and very productive. Pods are thin and contain four large green beans of the finest quality. Continues to bear until frost.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Wilkey's Perfection Prize.**—Originated with Mr. Thomas Wilkey, one of Philadelphia's oldest Market Gardeners.

The pods are borne in large clusters and contain an average of five large flat beans of excellent quality. It is a heavy producer and continues to bear until frost; medium early.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

## Various Pole Varieties

Culture same as for pole limas.

Postage extra. Consult "Postal Directions" on front inside cover.

**Burger's Green Pod Stringless, or White-Seeded Kentucky Wonder.**—A new pole variety of great merit. Bears long, green, brittle, stringless pods of excellent flavor. It rivals any of the other pole beans and is destined to become the most popular of all.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Early Golden Cluster Wax.**—One of the best wax-podded pole beans. Pods six to eight inches long, broad, thick, fleshy and of the very best quality. They remain in condition for use for a long time.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Horticultural, or Speckled Cranberry.**—Pods short, broad, pale green, becoming streaked with bright red as they mature. Good quality; either green or dried.

Pkt., 10c.; lb., 30c.; 10 lbs., \$1.80; 100 lbs., \$16.00.

**Lazy Wife.**—One of the later green-podded pole beans for snaps. The pods, borne in large clusters, are five to seven inches long, broad, thick, fleshy and entirely stringless. The dry beans are excellent for winter use. Seed white.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Kentucky Wonder, or Old Homestead.**—An early and prolific sort, producing green pods seven or eight inches long; an excellent snap bean.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Kentucky Wonder Wax.**—An excellent variety and one of the very best pole beans. The pods are long, very thick, meaty, deeply saddle-backed, entirely stringless and bright yellow in color. The vine is thrifty and very prolific. Seed deep brown.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Scarlet Runner.**—Produces scarlet flowers, followed by large-podded beans which are used both as a snap and shelled bean.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

## Bush Varieties for Winter Shell Beans

Culture same as for Dwarf Snap Beans.

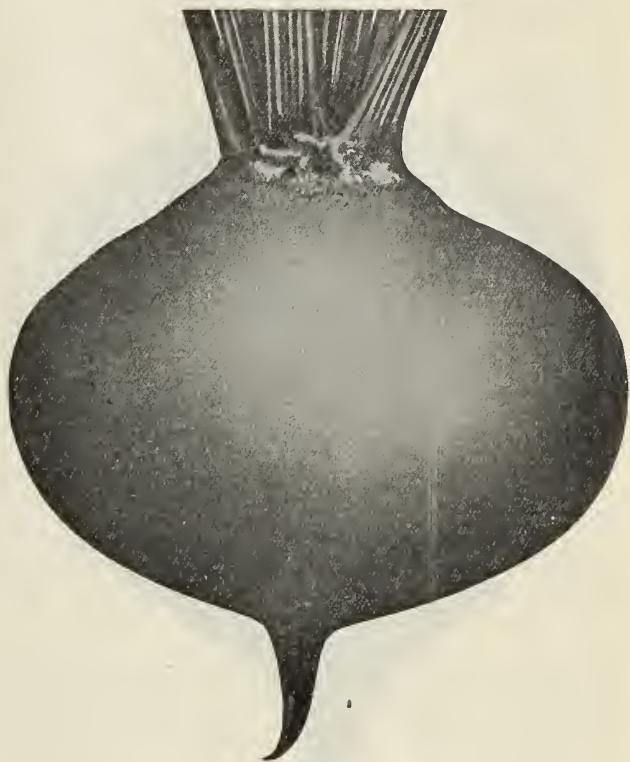
Postage extra. Consult "Postal Directions" on front inside cover.

**Dwarf White Kidney.**—Pkt., 10c.; lb., 25c.; 10 lbs., \$1.80; 100 lbs., \$16.00.

**Early Marrow Pea, or White Navy.**—Early and very prolific. Pkt., 10c.; lb., 20c.; 10 lbs., \$1.60; 100 lbs., \$14.00.

**Large White Marrow.**—Pkt., 10c.; lb., 25c.; 10 lbs., \$1.80; 100 lbs., \$16.00.

**Red Kidney.**—Pkt., 10c.; lb., 25c.; 10 lbs., \$1.80; 100 lbs., \$16.00.



Nutting's Early Gem.

## BEET

German, **Salat-Reuben.** French, **Betterave.** Spanish, **Bettaraga.**

**Cultural Directions.**—The best results are obtained on a deep, rich, sandy, well-worked soil. Smooth beets cannot be grown if fresh manure is used. If wanted very early, sow in hotbeds and transplant, cutting off outer leaves. For early outdoor crop, sow about one inch deep in rows one foot apart as early as the ground can be worked. When plants are large enough, thin out to three inches apart in rows. One ounce will sow 50 feet of drill, six to eight pounds for an acre.

**Nutting's Early Gem.**—The finest early beet, either for growing under sash or outside. It is perfectly smooth, dark color, as early as any, and will mature nearly all at one time. An excellent all-season beet. We do not recommend it for trenching, as the top is rather small for this purpose.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**Bassano Extra Early.**—Top large and light green. Root turnip-shaped, pink zoned with white. Very fast grower, of good quality, sweet and tender.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Bastian's Half Long.**—Similar to Philadelphia Half Long, but not so deep red.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Crimson Globe.**—A second early variety, almost globe-shaped and of a deep crimson color. The flesh is tender and of fine quality.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Crosby's Egyptian.**—One of the most popular early varieties. Of flattened globe-shape, good size, medium dark color, and matures very quickly. Tops medium.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Detroit Dark Red.**—One of the most popular second early or main crop varieties. Roots round, smooth, dark, blood red and of fine quality. Our stock of this important variety is unexcelled.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Dewing's Blood Turnip.**—A second early, dark, blood, turnip-shaped variety with a medium-sized top. It is grown quite extensively for a pit beet to sell through the winter and is a good keeper.

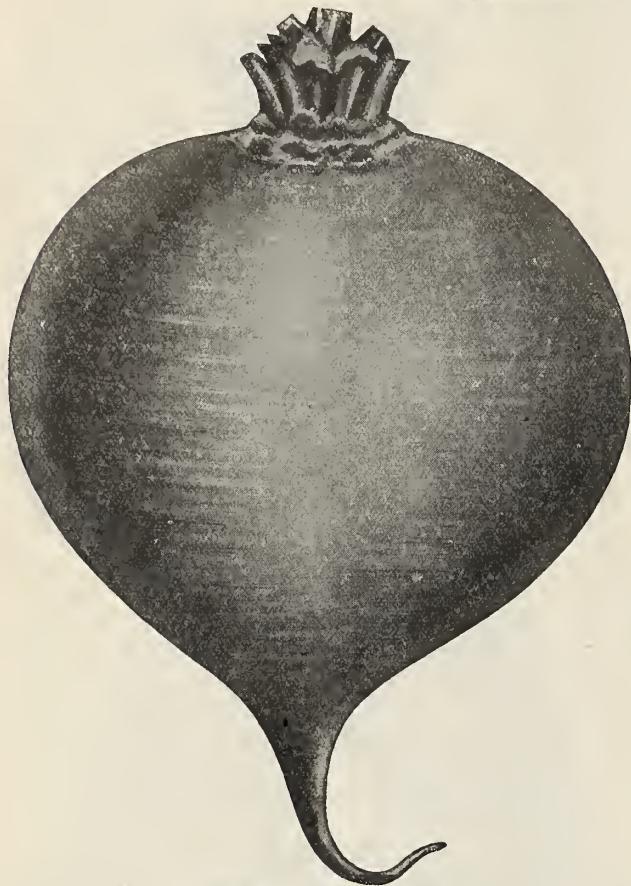
Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Early Eclipse.**—Very early, root nearly globular, flesh bright red, zoned with white. Medium-sized top.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.

Prices Subject to Change Without Notice.

## BEET—Continued



Incomparable Second Early.

**Early Model.**—One of the best medium early varieties. The roots are of good size, very smooth, slightly oval with slender tap root. Color deep crimson. It is a fine-grained and tender variety. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Early Wonder.**—Very early, short top, small tap root. Flesh and skin dark. An excellent variety. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**Edmand's Early.**—A good main crop, dark, red, turnip-shaped variety with a strong top, which makes it especially valuable for trenching. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Extra Early Egyptian.**—Very early, root flattened and dark blood red, with a small top and tap root, which makes it suitable for growing under glass. It is of good quality when young, but gets woody quickly. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Incomparable Second Early.**—The best second early or main crop beet. Root smooth, globe-shaped, remaining crisp, sweet and tender for a long time. The skin is of a dark red color, with flesh still darker. Top medium-sized. If sown with Crosby's Egyptian, it will mature a few days later. We are confident it will please any Market Gardener who wants a blood-red beet. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**Lentz's Extra Early.**—An extra early, light-colored, turnip-shaped beet, originating in Philadelphia. The flesh is light red, zoned with white, and matures rapidly. The top is light green and small, which makes it suitable for growing under sash. It is especially rich in sugar and remains tender longer than any other variety. Our stock is pure and gives excellent satisfaction. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Long Dark Blood.**—A standard late variety, keeping well through the winter. The root is long and skin smooth. Flesh very dark red, sweet and tender. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Philadelphia, or Perfection Half Long.**—A distinct variety used principally as a winter beet to sell by the bushel. The root is twice as long as thick, flesh rich dark red and of excellent quality, which it retains throughout the winter, never becoming woody. Seed should be sown July 1st to 15th for a winter crop, as it is a rather slow grower. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Special Crosby's Egyptian.**—This special selection is a decided improvement over the regular strain of Crosby's Egyptian. In producing this strain, selection is made not only for uniform shape, but also for dark color and extreme earliness. It is much darker than the regular Crosby's Egyptian and matures more evenly. We know of instances where the crop has been cleaned off the ground in two pullings. It is one of the best all-year-round varieties and is especially desirable for growing under sash.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.35; 10 lbs., \$12.50.

**Wesley's Early Market.**—An extra early blood-red variety. The root is smooth, nearly round, of handsome appearance and medium-sized top; one of the earliest. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

SWISS CHARD  
OR SPINACH BEET

**Cultural Directions.**—Swiss Chard is a beet grown for its leaves. The mid-rib when boiled makes delicious greens, or the leaves may be boiled and served as spinach. Sown in the spring the leaves are soon ready to eat and will continue to grow all through the summer and fall. If given a little protection it will survive the winter and make excellent greens early in the spring.

One ounce will sow 60 feet of drill.

**Large Ribbed Green Leaved.**—Large, smooth leaves with silvery white stems, which are tender and of fine flavor.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Lucullus.**—A new variety with curled leaves like a Savoy cabbage. The plant grows nearly two feet high and the stem and leaves are very large and of fine quality.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

## TESTIMONIAL

Hicksville, L. I., N. Y.—We are bunching your Nutting's Early Gem Beet today. They are all that anyone could wish and are as good as will go in any market.

SAMUEL G. BURKE.

MANGEL WURZEL AND  
SUGAR BEETS

**Cultural Directions.**—Plant in the spring in drills two to two and one-half feet apart, covering with one and one-half inches of soil firmly pressed down. Cultivate frequently. When about three inches high, thin out until the plants stand about ten inches apart. Sow six pounds to an acre.

**Giant Half Sugar.**—The best for feeding stock, as it contains more nutritive value. Grows half out of the ground. Color of skin, pink above the ground, white below.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

**Giant Red Eckendorf.**—This variety is a heavy cropper, growing almost on top of the ground. For shallow soils, this is hard to beat. It is broad with rounding top, flat bottom, red in color, fine flavor and greatly relished by all kinds of stock.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

**Giant Yellow Eckendorf.**—Similar to the preceding variety, excepting in color.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

**Golden Tankard.**—Root large, flesh yellow, zoned with white.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

**Klein Wanzleben.**—Immensely productive. One of the most desirable of the sugar beets.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

**Mammoth Long Red.**—A mammoth growing variety, which gives great bulk; skin red.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

**Slidstrup.**—This variety is more extensively grown in Holland by dairymen than any other. Its uniform growth of large, well-shaped beets rich in saccharine, its record for producing rich milk and sweet butter, has made it the popular beet of that country.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

**Vilmorin's Improved Sugar.**—The richest in sugar content; very productive.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

## BROCCOLI

German, **Spargelkohl**French, **Chou Broccoli**Spanish, **Brocoli**

1 Ounce of seed to 100 Feet of Row

**Cultural Directions.**—Broccoli is similar to and culture the same as Cauliflower. It is well adapted to those sections where the season is long, cool and rather moist. It withstands greater extremes of temperature than Cauliflower.

**Early Large White French.**—The best variety, large, white, compact heads which remain firm for a long time.

Pkt., 10c.; oz., 60c.;  $\frac{1}{4}$  lb., \$2.00; lb., \$7.50.

## BRUSSELS SPROUTS

German, **Rosenkohl**French, **Chou de Bruxelles**Spanish, **Berza de Bruselas**

One Ounce of Seed to 100 Feet of Row.

**Cultural Directions.**—The culture is the same as Cabbage, which plant it resembles, the edible part being the numerous small heads or sprouts formed on the stalk at each leaf joint. Leaves should be broken down in the fall to give the little heads more room to grow. They are considered more tender and delicious than Cabbage. Sow seed about May 15th.

**Long Island Improved.**—The best variety, producing numerous good-sized compact sprouts.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

**Paris Market.**—A half-dwarf strain, producing fine hard sprouts.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

## CABBAGE

German, **Kohl**French, **Chou**Spanish, **Berza**

1 Ounce will Produce 2000 Plants; Half-pound required to Transplant an Acre.

**Cultural Directions.**—The early varieties of Cabbage in our Northern States must either be sown in hotbeds in February, or, what is still better, wintered over in cold frames; for this purpose the seed is sown from the 10th to the 20th of September. Cover the seed  $\frac{1}{2}$ -inch deep. In four or five weeks from the time of sowing they will be fit to transplant into the cold frames. In planting it is very important with Cabbage and Cauliflower that the plant is set down to the first leaf, so that the stem is all under ground, for, if exposed, it may be split by the action of the frost. The plants are set out from the middle of March to the middle of April, in rows about two feet apart, and eighteen inches between the plants in rows. This earliest crop matures in July. For second early the early kinds should be sown first week in April and planted out in May. This crop matures in August and September. Late Cabbage for fall and winter use sow from May to June. The plants are set in July, at distances of  $2\frac{1}{2}$  feet between the rows and  $2\frac{1}{2}$  feet between the plants. This crop matures in October and November.

## CABBAGE—First Early Varieties

All our American varieties of cabbage are grown in Long Island from carefully selected heads, and are far superior to the imported seed offered at lower prices.



Copenhagen Market.

**Copenhagen Market.**—The earliest large round-headed cabbage offered today. It is as early as Early Jersey Wakefield, heads perfectly round and very solid. It is very compact in habit, and can be planted as close as Wakefield. The heads all mature at one time, and will stand a long time before bursting. Heads average about eight pounds each.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00; 10 lbs., \$38.50.

**Charleston, or Large Wakefield.**—From five days to a week later than Early Jersey Wakefield. Heads are larger, fully as solid, a little less pointed. An excellent variety to closely follow Early Jersey. Our seed is Long Island grown, and will give excellent satisfaction. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Early Jersey Wakefield.**—The most popular pointed head cabbage. Medium size, compact, solid and of excellent quality. The thick, stout leaves and compact habit of this variety makes it the best sort for very early setting. Our stock is strictly Long Island grown, and there is absolutely none better.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Early Round Head.**—The best early round or flat-headed cabbage. The heads are nearly round, slightly flattened, as large as Early Summer and will cut with Charleston Wakefield. Hard, compact and of excellent quality, remaining a long time without bursting. Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00; 10 lbs., \$38.50.

**Early Spring.**—A good-sized flat heading sort, producing hard heads of a light green color. It follows in close succession to the Wakefields. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Extra Early Eureka.**—An extra early small flat, hard-heading variety. Will cut with the Wakefield. Can be set closer, as it has few outer leaves. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Extra Early Express.**—The earliest of all. Will produce heads in 80 days. Not so hard as the Wakefields.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Extra Early Gem.**—Very early, small hard-pointed heads. Can be set close, as it makes few outer leaves.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

## Second Early or Summer Varieties

**All Head Early.**—Heads large and solid, flat, slightly rounded and of very compact growth, which makes it nearly all head. The quality is excellent, and it will remain in good condition longer than most varieties.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

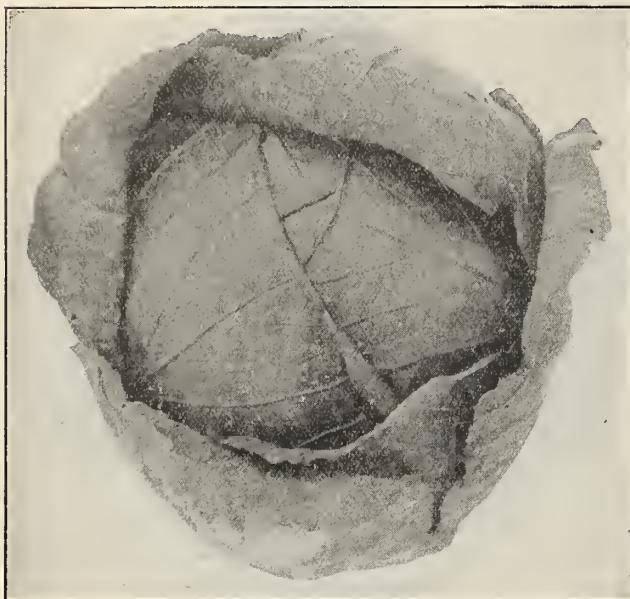
**All Seasons.**—A good all-season variety. Heads large, round and mature early.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

Early Round Head.

# CABBAGE—Continued

## Second Early or Summer Varieties



Perfection Second Early.

**Danish Summer Ball Head.**—A medium-sized, very hard, compact heading sort, similar to Danish Winter Ball Head, except that it is earlier.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00; 10 lbs., \$38.50.

**Early Dwarf Flat Dutch.**—An excellent large early flat variety, producing solid heads that mature with Early Summer. The stem is short and it has comparatively few outer leaves. Much earlier than Late Flat Dutch.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Early Summer.**—An early large heading sort, with large spreading outer leaves. Heads flat, slightly rounded.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Early Winnigstadt.**—A popular sort for the garden, as it remains in good condition for a long time. Heads pointed, medium size, hard and of a dark green color.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Enkhuizen Glory.**—An excellent round-headed sort maturing with the Large Wakefield. It remains a long time after heading without bursting.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Market Gardeners' No. 2.**—Plant more compact, leaf smoother and thicker; head larger and a little more round than Early Summer. It is a long-standing variety, and we recommend it as one of the best second early sorts. Also excellent for a late crop.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Perfection Second Early.**—A sure-heading, hardy, large, solid, long-keeping sort, similar to Succession, but deeper through. It will stand the hot sun and dry weather better than most varieties. One of the best second earlies.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00; 10 lbs., \$38.50.

**Succession.**—A popular second early sort, producing large, solid, flat heads, which remain in good condition for a long time.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

## Autumn and Winter Varieties

**Autumn King, or Worldbeater.**—A very large late sort, heads flat, slightly rounded. It requires very rich soil to make it head hard. Leaves dark, bluish-green, ruffled at the edge.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Danish Roundhead (Short Stem).**—Superior to Danish Winter Ball Head. The heads are larger, grow closer to the ground and have a shorter stem. It is from ten to fifteen days earlier.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

**Danish Winter Ball Head.**—A medium-sized, very solid heading sort, which will remain in good condition longer than most varieties. Plant compact and very hardy. One of the best to ship to distant markets. Our stock is direct from Denmark.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Fottler's Brunswick Short Stem.**—A popular short-stemmed second early or late sort, of dwarf compact habit and vigorous growth. The heads are large, flat and solid, with few outer leaves and has exceptional long-standing qualities.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Florida Header.**—One of the best late varieties. Heads large, flat, compact, solid and of fine quality. It has a short stalk and keeps well both under the sun and during the winter.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Houser.**—A large very solid heading, late sort, quite thick through. Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.35; lb., \$5.00.

**Louisville Drumhead.**—Plants short stemmed and compact, with broad, well-rounded, large heads, very full at the base.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Premium Late Drumhead.**—Large, deep, solid heads, very compact and of excellent flavor.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 80c.; lb., \$2.75; 10 lbs., \$26.00.

**Premium Late Flat Dutch.**—One of the most popular late sorts where a large head is desired. Heads are large, oval shaped, solid, of splendid quality and will keep a long time in good condition.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 80c.; lb., \$2.75; 10 lbs., \$26.00.

**Surehead.**—A compact growing general crop sort, with medium-sized, thick heads and many outer leaves.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Volga, or Russian.**—A new medium-shaped sort, with round, solid heads, which are deep through. It is extremely hardy.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

## Red and Savoy Varieties

**American Drumhead Savoy.**—Large, flattish heads, well curled and hard. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.

**Early Round Dark Red.**—A new medium-sized early variety, producing very solid heads of exceedingly dark red color, with very few outer leaves. The best early red cabbage.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00; 10 lbs., \$38.50.

**Mammoth Red Rock.**—Large, round, solid heads, slightly flattened. Plant large, with numerous spreading leaves.

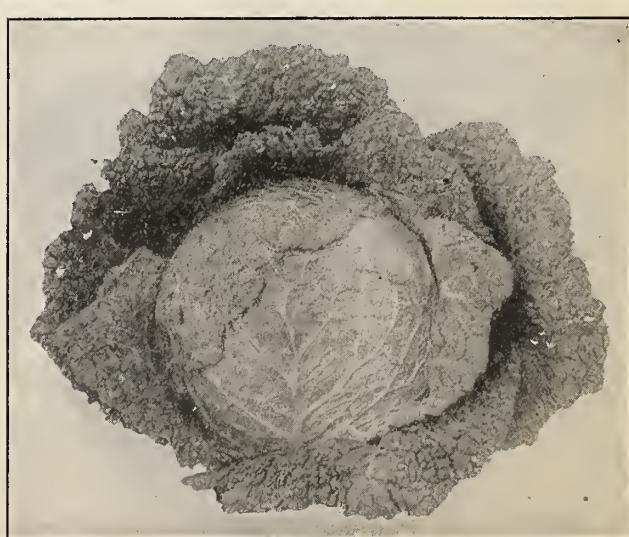
Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Perfection Hard Heading Savoy.**—The best large Savoy. Heads large, solid, almost round; leaves densely crumpled. It is surer to head than many other sorts, and is the best for main crop.

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 10 lbs., \$33.50.

**Simon's Wonderful Dark Red.**—The best large dark red cabbage. Heads are round, large, very solid and of a dark red color, which is very desirable. The best for main crop.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00; 10 lbs., \$38.50.



Perfection Hard Heading Savoy.

# CHINESE OR CELERY CABBAGE

(Pe-Tsai)



Paoting.

**Cultural Directions.**—This exceptionally fine vegetable is a native of China, and possesses striking characteristics which place it in a class by itself.

Grows like Cos-lettuce and when its outer leaves are stripped off shows a picture of Lettuce and Celery combined.

Shredded, it makes the finest slaw, and stripped of its mid-ribs, which are eaten as celery, it makes a fine salad.

It possesses a very mild flavor.

Sow the seed like regular Cabbage. If for early planting sow in hot beds in February; if for later planting sow early in July.

This plant matures 12 to 15 weeks from time of sowing seed, and will not stand frost.

**Paoting or Wong Bok.**—Big, compact, tender and crisp, an excellent Pe-Tsai. We have found this to be absolutely the best firm-heading variety to grow during the summer months. It will not scald or burn and will make a head when others fail. It somewhat resembles "Kinshiu" in shape and "Shantung" in character of leaf, color and size, but the head is more compact. It will produce a head of 15 pounds and will stand long, before bolting to seed. Excellent in quality, crisp, tender and brittle, with a fine celery flavor. We recommend it either for the market gardener, trucker or private planter, as it is a perfect Chinese Pe-Tsai Cabbage in every respect, not only being of the largest size, but of handsome color and of the finest quality. It is probably the safest variety for an amateur to plant, as it does well at all seasons, and one is almost sure of getting a crop. It is vigorous and free from insects.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.35; lb., \$5.00.

**New Pe-Tsai "Pekin."**—This grand variety is similar to the Chokurei in general appearance, but is superior to it in every way. The plant is of the same size, but the head proper is much larger and compact. The interior blanches creamy-white, is crisp, delicious and of that desirable rich celery flavor. It produces successfully throughout the year and is considered one of the best late fall and winter Pe-Tsai. It is a good keeper and shipper and its attractive appearance and fine quality make it one of the best sellers. We can say without exaggeration that this is the finest Pe-Tsai in existence today; whether for medium early, main crop, or late use, it has no equal, and is so finely bred and so true to type that in a field of several acres every head appears alike.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.35; lb., \$5.00.

**Chokurei.**—Large outside leaves with a yellow striped color and the inside leaves grow round gradually, more like the Cos-lettuce. The heart is pure white, tender, sweet and delicate in taste. The young leaves are very popular for use in salad. It is hardy and will keep until early spring if placed in the cellar.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Chosen.**—This is an old and popular standard variety of Korean production. Grows up more like the Cos-lettuce, with broad crumpled leaves, tender and mild in cabbage flavor.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Kinshiu.**—This is one of the most popular grown; known for its quality and compact leaves, which are tightly held together. The leaves have some wrinkles and grow more like head cabbage; a little shorter than Shantung variety. The heart is snowy white, crisp and tender. Outside leaves dark green in color.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Shantung.**—A production of Shantung, a province in China. Distinctive flavor, very mild and pleasant. The outside leaves are large, round and light green in color. The heart is snowy white. We recommend this as a most excellent sort for either home garden or market planting.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

## CARROT

German, **Gelbe Rueben** French, **Carotte** Spanish, **Zanahoria**

**Cultural Directions.**—1 oz. for 100 feet of drill, 4 pounds for an acre.

The carrot, like other root crops, delights in a rich, sandy loam, well tilled. For early crops, sow in spring, as soon as the ground is in good working order, say April or May; for late crops they may be sown any time from the middle of June to July. Sow one-half inch deep in rows 12 inches apart, thinning out to three inches between the plants. As Carrot seed is slow to germinate, extra precautions must be taken to firm the seed in the soil.

**Chantenay, or Model.**—One of the most popular carrots. Half long, stump rooted, smooth and good color. Medium-size top and medium early. Grown principally for bunching, but can also be used for a bushel carrot.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**Danvers Half Long.**—Half long, smooth and good color. It grows longer than Rubicon and does not make so quickly. Generally grown for late or main crop. It makes an excellent barrel carrot to sell through the winter.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**Danvers (Hutchinson Strain).**—This strain originated in Massachusetts and is the largest carrot grown. In good soil will attain a length of 15 inches and tapers only slightly from top to bottom, ending in abrupt stump root. Grows about an inch out of ground and has a slight green top.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Danvers Pointed.**—A long, smooth, deep orange-colored late sort, with a strong top. It requires the whole season to mature. Grown principally to sell through the winter as a bushel or barrel carrot.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**Early French Forcing.**—One of the popular Market Gardener's varieties, being a little longer and broader than Scarlet Horn. A good forcer.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50; 10 lbs., \$14.00.

**Early Short Top Forcing.**—The best for first outdoor crop. Ideal for growing under glass, as the tops are small, and it develops its deep orange color when quite young. It is a half-long, stump-rooted variety and matures very early. Not recommended for summer, as it will not hold its top.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50; 10 lbs., \$14.00.

## CARROT—Continued

### Early Scarlet

**Horn.**—One of the earliest varieties and best for forcing. The roots are orange red in color, about 3 inches long, blunt pointed, very fine grained and of sweet flavor.

Pkt., 5c.; oz., 20c.;  
 $\frac{1}{4}$  lb., 45c.; lb.,  
\$1.50; 10 lbs.,  
\$14.00.

### Guerande, or Ox-

**Heart.**—A short, chunky, early variety, as thick through as it is long. Especially adapted for hard, stiff soil where longer varieties would not thrive.

Pkt., 5c.; oz., 15c.;  
 $\frac{1}{4}$  lb., 35c.; lb.,  
\$1.10; 10 lbs.,  
\$10.00.

### Half Long

**Nantes.**—A handsome stump rooted variety of a bright orange color, smooth skin, small top and free from stringiness. Excellent for bunching.

Pkt., 5c.; oz., 20c.;  
 $\frac{1}{4}$  lb., 45c.; lb.,  
\$1.50; 10 lbs.,  
\$14.00.

### Half Long Scar-

**let Pointed.**—A quick growing half long-pointed sort, with medium-sized top. Makes a nice bunch carrot where a pointed-rooted variety is wanted.

Pkt., 5c.; oz., 15c.;  
 $\frac{1}{4}$  lb., 35c.; lb.,  
\$1.10; 10 lbs.,  
\$10.00.



Rubicon Half Long.

**Improved Long Orange.**—Large long pointed variety of a deep orange color. Requires deep soil and the whole season for it to mature. Excellent bushel sort if a large carrot is desired.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**New York Market.**—Half long, stump rooted, medium early, with medium-sized top. Color deep orange. Grown principally for a bunch carrot. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**Rubicon Half Long.**—An excellent early stump rooted variety of a deep rich orange color, medium sized tops and small neck. The roots are uniformly thick at the shoulder, attaining about 3 inches in diameter, and 5 to 6 inches in length. The flesh is fine grained, crisp, tender and free from core. An ideal bunching carrot and very productive.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**St. Valery.**—A handsome productive variety with reddish orange flesh, attaining about 12 inches in length and tapering to a point. The flesh is tender, sweet and free from hard core. As a main crop variety for the table or the field, it will be found equally satisfactory.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.

Prices Subject to Change Without Notice.



## DANVERS SPECIAL HALF LONG

A selected strain of Danvers, producing very uniform roots of an exceptionally deep orange color. It is nearly the same thickness from top to bottom and on account of this bushels up rapidly. The illustration we show is from a photograph.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50; 10 lbs., \$14.00.

## CARROTS FOR STOCK FEEDING

**Improved Short White.**—The best stock carrot. Roots half long, very heavy at the shoulder, tapering regularly to the point. Light green crown, white below, flesh white.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00; 10 lbs., \$9.00.

**Large White Belgian.**—The roots attain 12 to 15 inches in length, and grow about one-third above the surface. Easily harvested.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00; 10 lbs., \$9.00.

**Mammoth Yellow.**—A very large yellow sort with the same characteristics as the White Belgian and equally productive.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00; 10 lbs., \$9.00.

# CAULIFLOWER

German, **Blumenkohl** French, **Choufleur** Spanish, **Coliflor**

**Cultural Directions.**—Cauliflower requires the same treatment and cultivation as cabbage and can be grown both early and late. Not so hardy as cabbage in resistance to either hot, dry or cold weather. They should have an abundance of water in the summer and protection during cold weather.

For early crop sow in hotbed in January or February and transplant when freezing weather is past. For late crop, sow in May or June and treat exactly like late cabbage. Set out the plants 15 to 18 inches apart in 3-foot rows.

One ounce of seed will produce 2000 plants.



*Simon's Early Perfection.*

**Early Snowball.**—One of the most popular sorts for growing outside. Heads good size and compact. Our strain of this important variety is unsurpassed.

Pkt., 15c.;  $\frac{1}{4}$  oz., 75c.; oz., \$2.50;  $\frac{1}{4}$  lb., \$8.00; lb., \$30.00.

**Extra Early Dwarf Erfurt.**—Excellent variety, either for forcing or an early outdoor crop. Heads large and compact.

Pkt., 15c.;  $\frac{1}{4}$  oz., 75c.; oz., \$2.50;  $\frac{1}{4}$  lb., \$8.00; lb., \$30.00.

**Simon's Dry Weather.**—A very large second early variety, producing immense compact heads, with remarkable heat-resisting qualities. Does well when grown for a fall crop.

Pkt., 25c.;  $\frac{1}{4}$  oz., 85c.; oz., \$3.00;  $\frac{1}{4}$  lb., \$10.00; lb., \$35.00.

**Simon's Early Perfection.**—An ideal variety for winter forcing under glass, or equally desirable for spring or fall use. Of strong vigorous compact habit, producing immense snowy white heads, averaging 4 to 5 pounds, and attaining 12 to 13 inches in diameter under favorable conditions. It is an absolutely unsurpassed strain, and the best obtainable for the private grower or the critical market gardener.

Pkt., 25c.;  $\frac{1}{4}$  oz., 85c.; oz., \$3.00;  $\frac{1}{4}$  lb., \$10.00; lb., \$35.00.

**Veitch's Autumn Giant.**—A very large late sort.

Pkt., 10c.;  $\frac{1}{4}$  oz., 35c.; oz., \$1.00;  $\frac{1}{4}$  lb., \$3.00; lb., \$10.00.

# CELERY

German, **Sellerie**

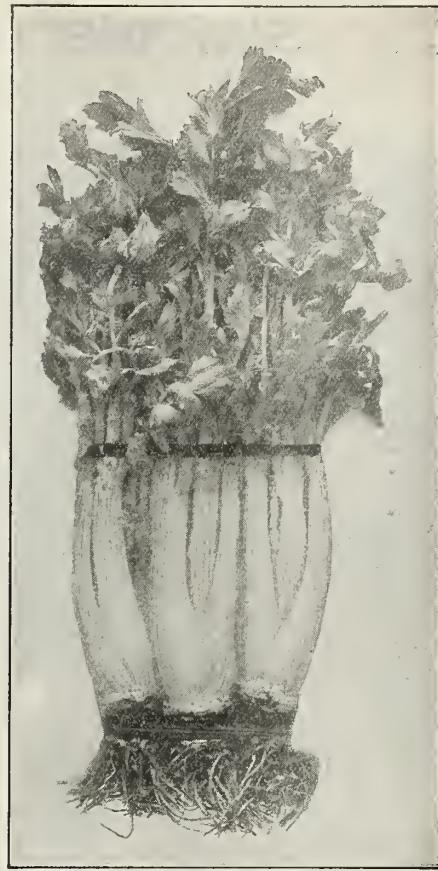
French, **Celeri**

Spanish, **Aplo**

**Cultural Directions.**—Celery requires water, and lots of it, from the time the seed is sown in boxes in March, until it is pulled in the autumn or winter. The seed is slow to germinate, and the soil where it is planted needs to be kept very wet.

Plant seed in hotbed or very early in open ground. When 3 inches high transplant 4 inches apart in rich soil, finely pulverized; water and protect until well rooted. In June or July transplant into rows 3 to 4 feet apart, either on surface or well-manured trenches a foot in depth, half filled with well-rotted manure. Set the plants from 6 to 8 inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the top of the centre shoots.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.



*Perfection Golden Self-Blanching.*

## Self-Blanching Early Varieties

**Boston Mammoth White Plume.**—Similar to our Perfection strain, except that it grows taller.  
Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Boston Market.**—A well-known variety of excellent quality, used extensively around Boston.  
Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Broad Ribbed Sweet Nut.**—A rank growing, stout, late sort, with thick, heavy ribs. The quality is excellent, being very brittle and tender.  
Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

**California Mammoth Golden Self-Blanching.**—The seed of this variety germinates more freely than the French, the plants are more robust and grow faster. There has been considerable trouble with the California seed being mixed with green and growing hollow stalked, but we have sold this strain, which is grown exclusively for us by an experienced grower of Celery, for the three past seasons, without a single complaint.  
Pkt., 10c.; oz., 50c.;  $\frac{1}{4}$  lb., \$1.75; lb., \$6.00.

**Columbia.**—A recent introduction. Plant medium height, with thick ribs, and well hearted. In season it is quite early and the quality is unsurpassed.  
Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Dwarf Golden Heart.**—A dwarf, stocky sort, with a full yellow heart. It is of excellent quality and a good keeper.  
Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

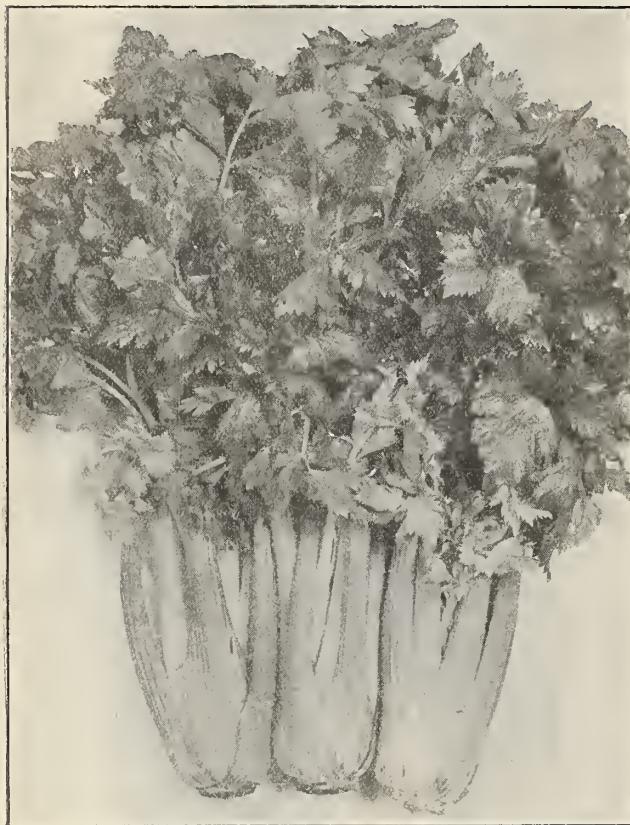
**Flavoring Celery** (For flavoring only).  
Oz., 5c.;  $\frac{1}{4}$  lb., 15c.; lb., 50c.

**French Golden Self-Blanching.**—Plant very stocky and full hearted, with broad ribs. Our strain is the best obtainable.  
Pkt., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., \$3.10; lb., \$12.00.

**Giant Pascal.**—For quality this is one of the best. Plant vigorous, stout, but rather shy hearted, and requires careful handling, as it is very brittle. A good, late keeper. Used extensively around Boston. Our stock is true and will give excellent satisfaction.  
Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

# SIMON'S SUPERB CELERIES

## Of Exceptional Merit



*Sanford Superb or Easy Bleacher.*

### SANFORD SUPERB EASY BLEACHER

The three stalks shown above were grown by M. V. Dilkes, Philadelphia.

**Sanford Superb, or Easy Bleacher.**—This is the most valuable variety of recent introduction. Planted the same time as Golden Self-Blanching it will be ready for market two weeks later. Bleaches readily with boards and grows well both on muck and upland. It is equally stout and a trifle taller than Golden Self-Blanching, and much less susceptible to blight. The eating and keeping qualities are both superior to Golden Self-Blanching. This is the popular green variety so extensively grown in the famous celery centre of Sanford, Fla.

Pkt., 10c.; oz., 75c.;  $\frac{1}{4}$  lb., \$2.75; lb., \$10.00.



*New Golden Plume.*

### NEW GOLDEN PLUME

This new variety is a result of a cross between Easy Bleacher and Golden Self-Blanching. It has the hearty robust habit of Easy Bleacher and the color of Golden Self-Blanching. It has a very full heart and for the past two years has resisted blight. We believe it will prove a valuable acquisition and will eventually take the place of both Golden Self-Blanching and Easy Bleacher as soon as its good qualities are known.

Pkt., 25c.; oz., \$5.00.

### TESTIMONIALS—From Pleased Customers

The Easy Bleacher Celery Seed you sent me this year is exceptionally fine stock, and I am well pleased with it. There is scarcely a plant that is off type in the whole field. Enclosed find 20 dollars for two pounds of seed. Please send the same seed that you sent me this year if possible.

John Jorgeson,  
Michigan.

Under date of Oct. 18th, Mr. S. E. Thurton, New Canaan, Conn., writes:

"Your strain of **Succession Cabbage** seed this year was so good, I feel that I must write and give you great credit for its superior quality. I have raised about 50,000 heads this year and will guarantee you that they averaged 98% good, large, salable heads out of a possible 100, through my whole crop."

The pound of Simon's Cabbage Head Lettuce we bought of you in the Spring was the finest we ever grew, a large proportion weighed over 2 lbs. per head.

L. W. Purdum & Sons,  
Danville, Va.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

I must compliment you for the best seeds I ever sold, prompt shipments and good packing. It is surely a pleasure to buy seeds from such a house.

Milton Bergstresser,  
Emaus, Pa.

The seeds I had from you last year were the very best I ever planted especially the Early Mascot Tomato, which were very prolific.

M. E. Palmer,  
Budd Lake, N. J.

I wish to take this opportunity to praise the excellence of your King of the Garden and Simon's Cabbage Head Lettuce.

Robert P. Lovett,  
Fallsington, Pa.

Your seed came up fine. Got 5000 plants from the ounce of Trucker's Favorite Tomato.

C. L. Swan,  
Norwich, Conn.

## CELERY—Continued



Winter King.

**Golden Self-Blanching (Rose Ribbed).**—An excellent variety with the same desirable qualities of the Golden Self-Blanching, having a pink suffusion, blending beautifully with the golden yellow ribs. It matures early, blanches easily, of heavy stocky habit, good keeper, absolutely brittle and of faultless quality.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.35; lb., \$5.00.

**Kalamazoo Large Ribbed.**—Medium height, stocky, large ribbed, good heart. Quality excellent, good keeper.

Pkt., 15c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**Perfection Golden Self-Blanching.**—The most popular and best of the early varieties. Our stock of this most important variety is perfection in every respect. The ribs are broad, the plant very stocky and full hearted. It is free from the objectionable green sorts. Plants of a yellowish-green color, but as they mature they turn to a beautiful golden yellow. Critical growers will find our strain of this important variety unsurpassed.

Pkt., 10c.; oz., 75c.;  $\frac{1}{4}$  lb., \$2.75; lb., \$10.00.

**Perfection White Plume.**—The earliest celery, but not compared in quality or appearance with Golden Self-Blanching. As the plant matures, the inner stems and leaves turn white, and require but a short time to be earthed up before it is in condition for use. Can be bleached with boards. Our stock will give excellent satisfaction.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.  
We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

**Winter Queen.**—Of very stocky growth, particularly valuable on account of its excellent Winter keeping qualities. It has a full heart and makes a very attractive bunch.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Simon's Magnificent.**—This, as the name implies, is a magnificent sort. The plant is quite dwarf and stocky, with a large, full golden yellow heart. The foliage is of a distinct light shade of green. In season it closely follows Golden Self-Blanching and resembles that variety when ready for sale. It is an excellent variety for muck land and bleaches readily with boards. The quality is excellent, being far superior to Golden Self-Blanching.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

**Simon's Winter King.**—Plant medium height, exceedingly stocky, with thick, heavy ribs. The quality is exceptionally fine, being equal to Giant Paschal, and contains more heart stalks than this variety. It can be marketed by November 15th, and by keeping it cold will retain its good quality as late as April 1st in the vicinity of Philadelphia. We pronounce it the best late-keeping sort.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

**Silver Self-Blanching.**—Resembles Golden Self-Blanching, with the White Plume coloring. The quality is superior to White Plume as it is more brittle and free from stringiness.

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

**Soup, or Cutting Celery.**—Used to cut while young for flavoring. Sold as soup greens. (See Flavoring Celery.)

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

## Celeriac, or Turnip-Rooted Celery

German, Knollen Selleric

French, Celeri-rave

Spanish, Apio raiz de Nabo

**Cultural Directions.**—This plant forms a thick root, which is used instead of the stalks. It is fit to use when about two inches in diameter. Seed should be sown and given same treatment as Celery, but the plants do not require earthing up. Plants can be set six inches apart in rows two feet apart. To keep over Winter, treat same as carrots or beets, except that moist soil should be worked in about the roots to keep them plump.

**Large Smooth Prague.**—Very large, round roots, quite smooth.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

## CHERVIL

German, Kerbel

French, Cerfeuil

Spanish, Perifollo

**Cultural Directions.**—Sow in early spring in rich, well prepared soil. The seed is slow to germinate, sometimes remaining in the earth four or five weeks before the plants appear. When the plants are about two inches high, transplant or thin to about one foot apart. They are ready for use in six to ten weeks from sowing.

**Curled.**—A hardy annual with aromatic leaves which are used for flavoring soups or for garnishing meats and vegetables.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

## CHICORY

1 oz. for 100 feet of drill.

German, Chicorie

French, Chicoree

Spanish, Achicoria de Cafe

**Cultural Directions.**—Sow in open ground in June in rows 12 inches apart, selecting good, deep, rich soil. Roots should be taken up in November, selecting those that have attained a diameter of from  $1\frac{1}{4}$  to 2 inches (discard divided roots and those with narrow leaves, as well as any which bear several heads). Trim off tops about  $1\frac{1}{2}$  inches from the neck, and any secondary shoots that appear on the sides. Cut off the lower end of roots so they are of a uniform length of eight to ten inches. Plant in a trench 16 to 18 inches deep. Place roots upright one and one-half inches apart, fill the trench completely with good, light, well-drained soil. If speedy growth is desired, surface should be covered with manure varying in depth according to quality and prevailing temperature, but never less than 16 inches nor more than three feet. In four to six weeks they should be blanched and ready for use. Placing manure under roots has not been satisfactory, the heads opening instead of remaining closed, from which it would appear a heavy pressure is needed in order to induce the heads to grow into the right shape. Eaten raw as a salad or boiled like Curled Endive.

**Large Rooted or Common.**—This variety is cultivated principally for the roots, which, when matured, are dried and ground. It is a substitute for coffee, and is used sometimes for flavoring the latter. The roots can be boiled and served like salsify.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 55c.; lb., \$1.60; 10 lbs., \$15.00.

**Witloof (French Endive).**—This grows in a solid oblong head and blanches ivory white. When lifting, cut whole head with part of the roots to hold the leaves together. It is the choicest of all the winter salads, and is used to such an extent in this country that much of it is imported.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 55c.; lb., \$1.60; 10 lbs., \$15.00.

## COLLARDS

German, Blattkohl

French, Chou

Spanish, Cabu

**Cultural Directions.**—This is a tall, loose-leaved cabbage-like plant. It is extensively used for the table, as well as for stock feeding in the South, where it continues in growth and is usable throughout the entire winter. Collards usually succeed in locations where cabbage cannot be grown to perfection. Sow the seed thickly in drills, in rich ground, transplanting when about four inches high; or sow in drills where the plants are to remain and when well started thin to two or three feet apart in the row. In the South seed may be sown from January to May and from August to October.

**Georgia, Southern or Creole.**—This is the white or green stemmed variety, growing two to three feet high and forming a large, loose, open head or cluster of leaves with a rather long stem. A frost, if not too severe, will improve rather than injure the quality of the leaves. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

## CORN SALAD OR FETTICUS

German, Ackersalat

French, Mache

Spanish, Macha Valerianilla

One ounce for 100 feet of row.

**Cultural Directions.**—Sow in August or September for winter or spring about one-quarter inch deep, in rows one foot apart. Thin out and keep clear of weeds. Protect in winter by thin covering of straw or meadow hay. Ready early in spring; use same as Lettuce. For summer use sow early in spring.

**Large Seeded Broad Leaved.**—Leaves large and broad. Used as a substitute for Lettuce and Spinach. The best sort. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 5 lbs., \$5.75.

## CRESS

German, Kresse

French, Cresson

Spanish, Mastuerzo

**Fine Curled or Pepper Grass.**—As early in spring as the ground can be worked sow the seed in rich, well prepared soil, in shallow drills about 16 inches apart, covering with about one-half inch of fine soil firmly pressed down. When the young plants are well started thin four to six inches apart in the row. For succession plant every two weeks, thinning out as required for use. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**True Water.**—This is a distinct variety of cress with small, oval leaves. It thrives best when its roots and stems are submerged in water. A fair growth may be obtained in soil which is kept wet, but does best when grown along moist banks or in tubs in water-covered soil. It is one of the most delicious of small salads and should be planted wherever a suitable place can be found. The seed is usually sown and lightly covered in gravelly, mucky lands along the borders of small, rapid streams. The plants will need no subsequent culture, as under favorable conditions they increase very rapidly by self-sown seed and extension of the roots. When gathered for the market the shoot should be cut, not broken off. In summer it is best to cut them closely, the oftener the better. Pkt., 10c.; oz., 50c.;  $\frac{1}{4}$  lb., \$1.60; lb., \$6.00.

## CORN—Table Varieties

German, Zuckermais

French, Mais

Spanish, Maiz

Postage extra. Consult "Postal Directions" on front inside cover.

One pound for 150 hills; 12 to 16 pounds in hills for an acre.

**Cultural Directions.**—All varieties of Sweet or Sugar Corn may be either sown one inch deep in rows three to four feet apart, and the seeds placed about eight inches apart in the rows, or planted in hills at distances three or four feet each way, according to the size of the variety grown or the richness of the soil in which it is planted. The taller the variety, or the richer the soil, the greater should be the distance apart. We make our first plantings in this vicinity about the first of May and continue successive plantings every two or three weeks until the last week in July. In more Southern latitudes planting is begun earlier and continued later. The earliest varieties of Sweet Corn are ready for the table in eight or nine weeks from the seed sowing and the late varieties from eleven to twelve weeks.

## Extra Early Varieties

**Adams Extra Early.**—Robust, hardy, early and productive. Never smuts, ears small. Pkt., 10c.; lb., 20c.; 10 lbs., \$1.20; 100 lbs., \$10.00.

**Burlington Hybrid.**—A very early white corn with a medium-sized ear. Popular in Burlington County, New Jersey. Pkt., 10c.; lb., 20c.; 10 lbs., \$1.40; 100 lbs., \$12.00.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

## SWEET CORN—Extra Early

**Cory Mammoth White.**—Extremely early, usually fit to use in from 50 to 60 days from planting. Ears about six to seven inches long, with milky white kernels; sweet, tender and delicious; plants dwarf, bearing usually two ears to a stalk. Pkt., 10c.; lb., 20c.; 10 lbs., \$1.30; 100 lbs., \$11.00.

**Cory Red.**—One of the very earliest varieties. Ear small, cob red, fodder dwarf. For best results should be planted on rich land. Pkt., 10c.; lb., 20c.; 10 lbs., \$1.30; 100 lbs., \$11.00.

**Crosby's Early.**—Very early and excellent quality, ear small. Pkt., 10c.; lb., 20c.; 10 lbs., \$1.40; 100 lbs., \$12.00.

**De Lue's Golden Giant.**—This valuable extra early sweet corn has been developed after 14 years' careful selection by the introducer, Dr. Frederick S. De Lue. It is a cross between Howling Mob and Golden Bantam, two eminently popular varieties. It makes luxuriant growth, bearing on heavy stalks, 4 to 6 ft. tall, two to three ears, twice the size of the Golden Bantam. The cob contains 12 to 18 rows, which completely cover the entire surface; another notable feature is its heavy husk, which protects it from the ravages of birds and worms. We offer seed grown from the originator's stock. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Early Champion.**—Follows in close succession the mammoth White Cory, bearing a good-sized, finely shaped ear, with twelve rows of plump, deep grains. Very productive, and good quality. Pkt., 10c.; lb., 20c.; 10 lbs., \$1.40; 100 lbs., \$12.00.

**Early Dighton or Portuguese.**—The earliest, strictly sugar corn known to us. Both fodder and ear resemble Red Cory, but it is fully five days earlier. A valuable acquisition for northern states where the season is short. Pkt., 10c.; lb., 25c.; 10 lbs., \$1.80; 100 lbs., \$16.00.

**Early Mayflower.**—Five days earlier than White Cory, with large ears, of better quality. Pkt., 10c.; lb., 20c.; 10 lbs., \$1.40; 100 lbs., \$12.00.

**Early Metropolitan.**—Combines the essential features of earliness, productiveness and good flavor. Ears 8 to 9 inches long. Pkt., 10c.; lb., 25c.; 10 lbs., \$1.60; 100 lbs., \$14.00.

**Early Minnesota.**—Matures a little later than Crosby, and produces a larger ear filled with eight rows of large, sweet grains.

Pkt., 10c.; lb., 20c.; 10 lbs., \$1.40; 100 lbs., \$12.00.

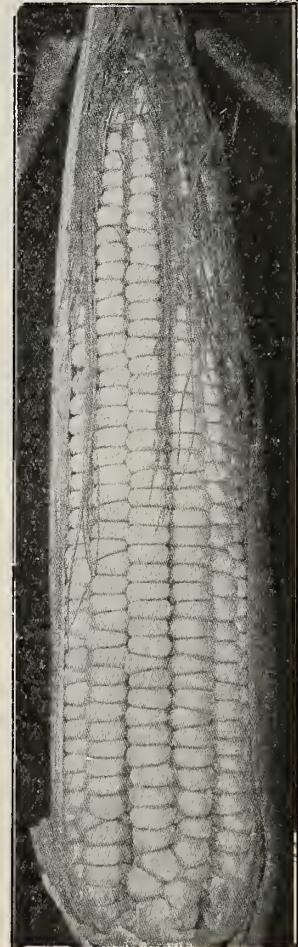
**First Early Table.**—The first table corn with a decent sized ear to come into the market. It is not strictly sugar corn, the grain being white and smooth, but if pulled at the proper time it is fairly sweet and sells remarkably well. Can be planted earlier than the shriveled grain sorts, as it will stand more cold, wet weather. Pkt., 10c.; lb., 25c.; 10 lbs., \$1.60; 100 lbs., \$14.00.

**Golden Bantam.**—Very early and of excellent quality. Ear small and grain yellow. Fodder dwarf.

Pkt., 10c.; lb., 25c.; 10 lbs., \$1.80; 100 lbs., \$16.00.

**Simon's Early Wonder.**—This new, sweet corn is truly a wonder. It is three to five days earlier than White Cory, with a larger and much better shaped ear. The quality is far superior, being better than any of the early varieties. The ears, when husked, are eight inches long with ten to twelve rows. It is a strong grower for such an early corn, the fodder reaching a height of six feet under good conditions. It is a valuable acquisition and we thoroughly recommend it as the best extra-early sweet corn.

Pkt., 10c.; lb., 25c.; 10 lbs., \$1.70; 100 lbs., \$15.00.

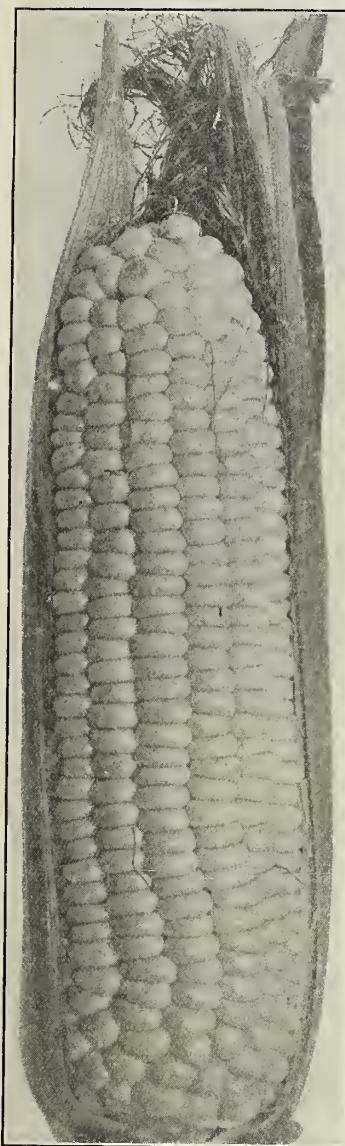


Simon's Early Wonder

## SWEET CORN

## Medium Early Varieties

Postage extra. Consult "Postal Directions" on front inside cover.



Simon's Perfection  
Second Early.

cellent variety to use in place of this.

Pkt., 10c.; lb., 25c.; 10 lbs., \$1.70; 100 lbs., \$15.00.

## Main Crop and Late Varieties

**Bantam Evergreen.**—This new variety of corn is a combination of Golden Bantam and Stowell's Evergreen, possessing the bright golden color of Golden Bantam and the flavor of Stowell's Evergreen. Its ear is not quite so large as Stowell's, but large enough for ordinary consumption. Stalks are full-leaved and bear two well-developed ears of a deliciously sweet corn, maturing about 5 days earlier than Stowell's. Pkt., 10c.; lb., 25c.; 10 lbs., \$1.60; 100 lbs., \$14.00.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

## SWEET CORN

## Main Crop and Late Varieties

**Black Mexican.**—When in condition for the table it cooks white, but the grain when ripe is black. Ear rather small, grain very sweet and tender.

Pkt., 10c.; lb., 20c.; 10 lbs., \$1.40; 100 lbs., \$12.00.

**Early Evergreen.**—Fit for market one week earlier than Stowell's Evergreen and remains in condition equally as long. The ears are large, with fourteen or more rows of deep grain of the finest quality.

Pkt., 10c.; lb., 20c.; 10 lbs., \$1.20; 100 lbs., \$10.00.

**Golden Cream.**—Ear and grain are similar to Country Gentleman, with the exception that the grain is yellow instead of white.

Pkt., 10c.; lb., 25c.; 10 lbs., \$1.60; 100 lbs., \$14.00.

**Howling Mob.**—Height, 4 to 5 feet, usually producing two good ears to the stalk, measuring 7 to 9 inches in length, with 12 or 14 rows. Ready for market 4 to 6 days after White Cory. An excellent sort.

Pkt., 10c.; lb., 20c.; 10 lbs., \$1.40; 100 lbs., \$12.00.

**Kendel's Early Giant.**—Remarkably large ear for a second early corn. Grain rather broad and shallow. Quality, very good.

Pkt., 10c.; lb., 20c.; 10 lbs., \$1.40; 100 lbs., \$12.00.

**Mammoth Early.**—A popular large-eared, second early sort, which sells readily on account of its large size and fine shape. Grain rather shallow, but of good quality.

Pkt., 10c.; lb., 20c.; 10 lbs., \$1.40; 100 lbs., \$12.00.

**Simon's Perfection Second Early.**—The best medium early to follow the extra earlies. Fodder 5 to 6 ft. high often producing two ears with 16 to 18 rows of deep wedge-shaped

grains of the Evergreen type. It matures with Howling Mob. As the ear is much larger and grain deeper than Howling Mob, we consider it an ex-

**Country Gentleman or Improved Shoe Peg.**—This variety has a small white cob, densely covered with irregular rows of very long, slender white grains of the very finest quality. Ear medium size.

Pkt., 10c.; lb., 25c.; 10 lbs., \$1.70; 100 lbs., \$15.00.

**Fodder Sugar Corn.**—(For Sowing.) Selected for its heavy foliage.

100 lbs., \$8.00.

**Hickox Improved.**—A well-known, late variety, producing a large ear of excellent quality. An excellent market garden sort.

Pkt., 10c.; lb., 20c.; 10 lbs., \$1.40; 100 lbs., \$12.00.

**Long Island Beauty.**—A cross between Evergreen and Late Mammoth. Ears are long with 12 to 14 rows of pearly white grains of excellent quality. Valuable for canning. One of the best late varieties.

Pkt., 10c.; lb., 20c.; 10 lbs., \$1.40; 100 lbs., \$12.00.

**Mammoth, Late.**—Remarkable for its immense ears, which are filled to the tip with pure white, sugary grains, very tender and sweet.

Pkt., 10c.; lb., 20c.; 10 lbs., \$1.40; 100 lbs., \$12.00.

**Narrow Grain Evergreen.**—A splendid, high quality Evergreen. Slightly earlier than Stowell's; ears 8 to 9 inches long, with small cob containing 18 to 20 rows of very deep, narrow white grains. One of the best for market gardeners or canners.

Pkt., 10c.; lb., 20c.; 10 lbs., \$1.30; 100 lbs., \$11.00.

**Stowell's Evergreen.**—The standard main crop variety. Late, large and thick; grain very deep and tender, remaining in eatable condition for a long time. One of the best main crop sorts.

Pkt., 10c.; lb., 20c.; 10 lbs., \$1.20; 100 lbs., \$10.00.

**Stowell's Evergreen Extra Selected.**—The same as Stowell's Evergreen, except that it has been selected for large ears and extra deep grain.

Pkt., 10c.; lb., 20c.; 10 lbs., \$1.40; 100 lbs., \$12.00.

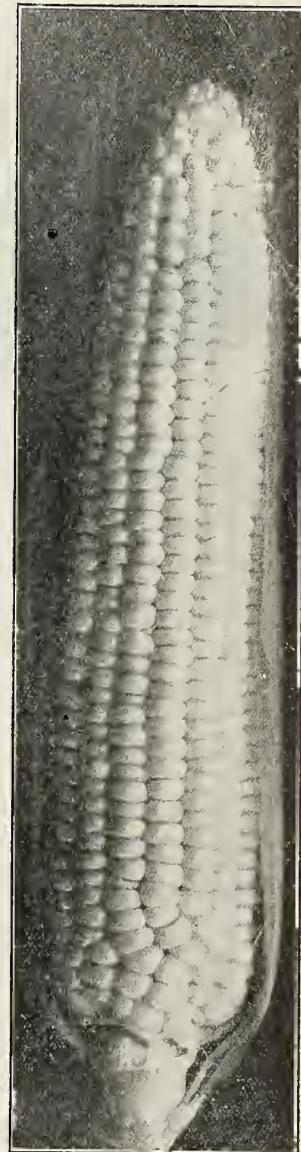
**White Evergreen.**—The most valuable feature of this variety is that the grains instead of having the yellow tinge like Stowell's are of a paper-white color, which makes it more attractive when served on the table and especially valuable for canning. The ear is just as large and the grain just as deep as Stowell's.

Pkt., 10c.; lb., 20c.; 10 lbs., \$1.20; 100 lbs., \$10.00.

**Zig-Zag Evergreen.**—A strain of Evergreen with irregular rows. Ear not so large as Stowell's.

Pkt., 10c.; lb., 20c.; 10 lbs., \$1.40; 100 lbs., \$12.00.

**For Field Corn Varieties, see page 48.**



Narrow Grain  
Evergreen.

# CUCUMBER

German, **Gurke**French, **Concombre**Spanish, **Pepino**

**Cultural Directions.**—Cucumbers succeed best in warm, moist, rich, loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each, a shovelful of well-rotted manure. Sprinkle the vines liberally with Slug Shot to protect them from bugs, and when all danger from insects is past, thin out the plants, leaving three to four of the strongest to each hill. **One ounce of seed will plant about 50 hills; two pounds will plant an acre.**

*Simon's Perfection.*

**Arlington White Spine.**—One of the most popular White Spine sorts. The fruit is very uniform, averaging seven to eight inches. It is extra early and very prolific, and is grown extensively around the Norfolk, Va., section and at Charleston, S. C.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Cool and Crisp.**—An extra early, prolific, dark green cucumber with fruit of good length and fine quality.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Davis' Perfect.**—A long, slim dark green White Spine strain, early and prolific. It is a stronger grower and will resist blight better than some of the older sorts.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**Earliest of All.**—Very early and prolific. Fruit dark green and average about eight inches.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Early Fortune.**—Early, good dark color and prolific. Fruit averages about ten inches in length.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Extra Early Prolific, or Boston Pickling.**—A very productive variety, extensively grown for pickles. Fruit medium size, quite smooth and of a bright green color.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Extra Long, or Evergreen White Spine.**—A long, second early dark green White Spine, fruits averaging ten to twelve inches.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Giant Pera.**—Frequently grows twelve to eighteen inches long. Fruit very smooth, straight, dark green, with very few seeds; excellent flavor. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Henderson's Perfected.**—An extra early, dark green White Spine strain, producing very uniform fruit in great abundance. The vine is vigorous and produces fruit for a long season. Fruit averages from eight to ten inches long and is of the finest quality.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Japanese Climbing.**—A trellis variety, used for shade as well as eating purposes. The vine is very ornamental, producing extra long light green fruit in abundance.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Jersey Pride.**—An entirely new strain of White Spine, originating in New Jersey. It is as early as any of the White Spine strains and outyields them all. The color is dark glossy green, shape very uniform, with an average length of eight to ten inches. They hold their color and brittleness long after being cut, which makes it an excellent shipper for distant markets. We recommend it as one of the best all round varieties.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate  
Prices Subject to Change Without Notice.

**Klondike.**—An early, dark green strain, producing finely shaped fruit about nine inches in length.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**London, or Improved Long Green.**—Second early, long, dark green; fruit measures twelve to fourteen inches. Quality firm and crisp.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.;  
lb., \$1.25; 10 lbs., \$11.50.

**Simon's Famous White Spine.**

The longest and handsomest of any of the White Spines. The fruits average twelve to fourteen inches in length, are straight, well formed and of a dark green color. It is a strong grower, the vines remaining green when other varieties are blighted and dried up. Season a little later than Arlington, quality the very best, having very few seeds.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.;  
lb., \$1.25; 10 lbs., \$11.50.

**Simon's Hot House.**—Perfect shape and color, producing long, straight, handsome fruit of the very finest quality. Excellent soil for growing under glass.

Pkt., 15c.; oz., 50c.;  $\frac{1}{4}$  lb.,  
\$1.75; lb., \$6.00.

**Simon's Perfection.**—Extra early, dark green and very prolific variety. Fruit average from eight to ten inches in length and have very few seeds. They hold their color both on the vines and after being shipped longer than most other varieties, which is a very valuable feature for long-distance shipping. Vines vigorous and more blight-resistant than most of the White Spine sorts.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.;  
lb., \$1.25; 10 lbs., \$11.50.

*Simon's Famous White Spine.*

**Snow's Pickling.**—An early maturing, very small, dark green cucumber; cylindrical, square ended, and very popular with many growers who want an ideal bottle pickle. The seed we offer was grown from a very fine lot of stock seed procured from the originator.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**West India Gherkin, or Burr.**—A very small, oval, prickly fruited sort, quite distinct from all others and grown exclusively for pickles. Seed slow to germinate.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

# DANDELION

German, **Loewenzahn**   French, **Pissenlit**   Spanish, **Amargon**

**Cultural Directions.**—The seed is sown one-half inch deep in the open ground as soon as it can be worked in spring, in rows one foot apart, thinning the plants to about three inches apart if grown for "Greens" or if to be blanched for salad the rows should be 15 to 18 inches apart and the plants thinned to about eight inches. A gathering of young leaves may be made in eight or nine weeks from seed sowing and be continued until the growth gets too old and bitter. The plants being hardy if allowed to stand over winter will yield a very early crop of tender young leaves the following spring.

One ounce will sow 100 feet of drill.

**French Cultivated, or Common.**—A selection from and an improvement on the wild dandelion.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00.

**Improved Broad Leaved.**—A much improved variety, by careful selection for size of leaf and for earliness.

Pkt., 10c.; oz., 60c.;  $\frac{1}{4}$  lb., \$2.10; lb., \$8.00.

## CUCUMBER

KIRBY'S STAYS GREEN



PERFECT SHAPE

PERFECT COLOR

PERFECT SHIPPER

EARLY

PRODUCTIVE

"Kirby's Stays Green" is the earliest of the White Spine type; fruit seven to eight inches long, cylindrical in shape. Color a beautiful dark green from stem to blossom end, which is retained longer than any variety we know of. Vigorous grower, enormous yielder, shipping quality unexcelled, and always commands the highest market price. Pkt., **10c.**; oz., **20c.**;  $\frac{1}{4}$  lb., **50c.**; lb., **\$1.60**; 10 lbs., **\$15.00**.

## TESTIMONIALS

The following represent a few of the many flattering testimonials we have received from those who have grown "Kirby's Stays Green" Cucumber.

"On February 20, 1922, I planted twelve acres of your Kirby's Stays Green Cucumber—on April 14th, I made my first picking of 135 bushel hampers per acre, they were 95% fancy. My second picking averaged 244 bushel hampers per acre. These were grown without irrigation on land my father cleaned up before the Civil War.

"My crop was the finest I have ever seen and Kirby's Stays Green is sure the heaviest fruiter I have ever grown. I picked as many as eight fancy Crown Cucumbers at one picking from one hill. They set more early fruit than any variety I know of."

(Signed) **WYLIE DIXON,**  
Center Hill, Florida.

"I take pleasure in complying with a personal request made by your representative, here, Mr. T. W. Smith in regard to Kirby's Stays Green Cucumber Seed, which I purchased through him this spring. I gathered off two acres 930 Hampers sold for three thousand and thirty-nine dollars. I cannot say too much in favor of your Seed."

P. S. "Above crop was grown without irrigation."

(Signed) **E. HUBBARD,**  
"Mayor," Center Hill, Florida.

TAMPA TRIBUNE, SUNDAY, MARCH 19, 1922

**FIRST CARLOAD OF  
CUKES IS SHIPPED**

**WILL BRING \$5,000 TO \$6,000 IN  
NEW YORK**

**Shipped from Center Hill**

CENTER HILL, March 18.—(Special.)—Center Hill again claims high honors as the banner early cucumber section of Florida. The first solid carload of cukes to be shipped from the state was rolled from Center Hill today. This car was loaded heavy, with 689 crates of the Simon Kirby stay green variety, and actually sold at a premium, Jerry S. Beville, representative of Olivet Brothers of New York city, is handling this car and stated that it represented a value when delivered in New York of \$5,000 to \$6,000 as the market on this grade of cucumbers is around \$8 to \$9 a crate.

"Enclosed herewith my check in payment of Kirby's Stays Green Cucumber Seed. I congratulate you on the variety and would like to place my order for what seed I plant another season. Let me know if I can depend on you."

(Signed) **M. M. CHISOLM,**  
President, Bank of Estill,  
Estill, So. Carolina.

"Your State Representative, T. W. Smith, Center Hill, Florida, sold us your Kirby's Stays Green Cucumber Seed for fall planting on September 29, 1922. In forty-three days from the time of planting the seed we began picking cucumbers from the vines as shown in the picture we are mailing you. These are very fine and the best color of any cucumber we know of, and also the earliest.

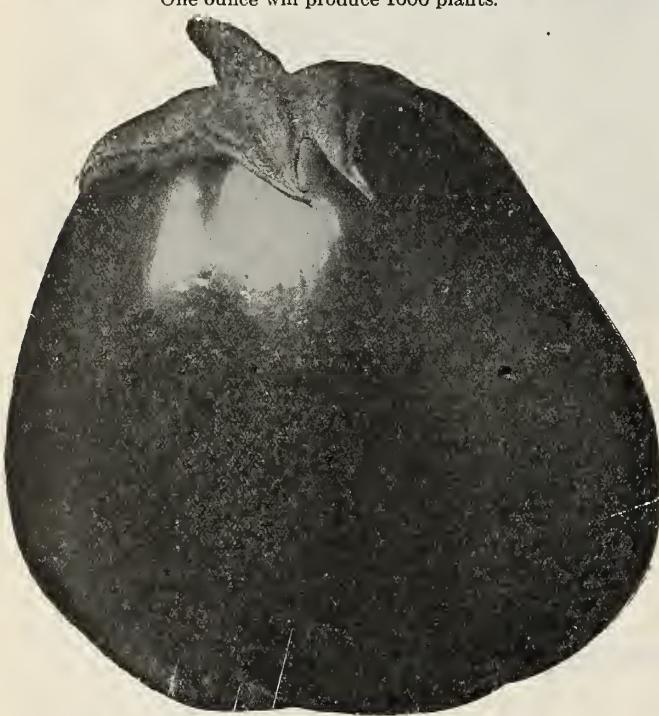
"We can recommend Kirby's Stays Green Cucumbers to any grower that wants an early and perfect shaped cucumber that will command top prices in any market."

(Signed) **RAINBOW FARMS,**  
Center Hill, Florida.

## EGGPLANT

German, *Eierpflanze* French, *Aubergine* Spanish, *Berengena*

**Cultural Directions.**—Seed is of slow germination and requires a moderate amount of heat. Should be started in hotbeds early in March and transplanted to four or six inches apart. Plant out in open ground about May 20th, two feet apart in row, and three feet between rows. Egg plants are very tender and will not stand frost. One ounce will produce 1000 plants.



Black Beauty Egg Plant.

**Black Beauty.**—The best of all. Fruit large, handsome shape and of a rich, glossy black color. It is as early as any, very productive and thornless. Our stock is excellent.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

**Florida High Bush.**—Plants are large and high, usually bearing the fruit off the ground. Fruit medium size, pear-shaped and of a purple color. Very productive.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

**New York Improved Large Purple.**—Fruit large, good shape and of a dark purple color, very productive and spineless.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

## ENDIVE

German, *Endiven* French, *Chicoree* Spanish, *Endivia*

**Cultural Directions.**—One of the best salads for fall and winter use. Endive is not only much used for salads and garnishing, but is also desirable for greens and for flavoring soups and stews.

Plants may be grown at any season of the year, but are generally used late in the fall. For early use sow about April 15th; for later supply sow in June or July in drills fourteen to twenty inches apart and when well started thin the plants to one foot apart. When nearly full grown tie the outer leaves together over the centre in order to blanch the heart of the plant. By covering fresh plants every few days a succession may be kept up.

One ounce will sow 150 feet of drill.

**Broad-Leaved Batavian, or Escarolle.**—Broad, thick ribs, with slightly wrinkled leaves. The best broad-leaved variety.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 5 lbs., \$5.75.

**French Endive (Witloof Chicory).**—Grown extensively for salads, and commands high prices. Must be bleached similar to Celery. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 55c.; lb., \$1.60.

**Giant Fringed, or Oyster.**—Very large and grows remarkably well in hot weather. Grown largely in New York State, to be shipped to the New York market.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 5 lbs., \$5.75.

**Philadelphia Large Green Curled.**—A very strong-growing mammoth sort with white ribs. Used extensively around Philadelphia. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50; 5 lbs., \$7.00.

**Simon's Bordeaux.**—A mammoth green curled sort with pink ribs, grown largely around Philadelphia and New York.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 5 lbs., \$5.75.

**White Curled.**—Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

## HORSE RADISH ROOT

**Cultural Directions.**—Horse Radish rarely produces seed, but is grown from pieces of the root. For the home garden they may be set wherever a few feet of space is available, but when grown as a crop they should be set in rich, moist, well prepared ground in rows two and one-half feet apart and about eighteen inches apart in the row. Set the roots vertically, small end down, the top of the root one to three inches below the surface. Cultivate thoroughly until the tops cover the ground, when their shade will keep down the weeds.

**Maliner-Kren, or Bohemian.**—A new variety from Bohemia, producing very large, pure white roots. Strong sets. 100, \$1.25; 1000, \$10.00.

**Standard variety.**—Strong sets, 100, \$1.00; 1000, \$8.00.

**Postage extra. Consult "Postal Directions" on front inside cover.**

One hundred roots weigh 2 pounds.

## KALE OR BORECOLE

German, *Krauskohl* French, *Chou vert* Spanish, *Bretón*

**Cultural Directions.**—The Siberian and Scotch are the popular sorts for fall sowing. Sow from August 15th to October 15th, either broadcast or in drills 18 inches apart, and given some cultivation they will yield greens throughout the winter.

One ounce will sow 150 feet.

**Dwarf Green Curled Scotch.**—The plant is low and compact, with large, bright green leaves, curled, cut and crimped so that the whole plant resembles a bunch of moss. This variety is quite hardy, but will not stand in a temperature below zero. Grown exclusively in the South for Northern markets.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00; 10 lbs., \$9.00.

**Long Standing Curled Siberian.**—The green leaves are very large and comparatively plain in the centre, but heavily curled on the edge. It is a fast grower, extremely hardy and will stand longer in the spring without bolting than any other variety.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

## KOHL RABI

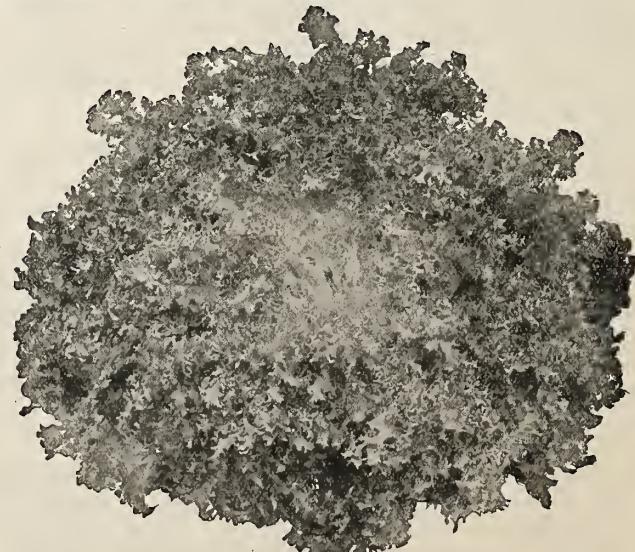
German, *Kohlrabi* French, *Chou-Rave* Spanish, *Col de nabo*

**Cultural Directions.**—A peculiar vegetable belonging to the Cabbage family and forming a turnip-shaped bulb above ground, which is used in the same manner as turnips. For garden cultivation, give same treatment as Cabbage. Should be used when young and tender. Can be sown in June or July for fall use. One ounce will sow 200 feet of drill.

**Early Purple Vienna.**—Very early, with small top, skin purple. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Short Leaved Early White Vienna.**—Extremely early, with very small tops, thus allowing it to be planted very close. The best either for forcing or an outdoor crop.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

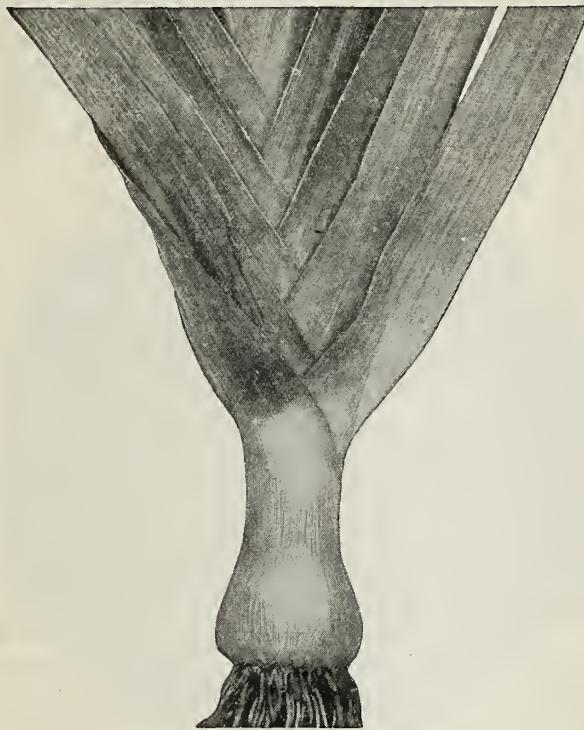


Philadelphia Large Green Curled.

## LEEK

German, **Lauch**French, **Poireau**Spanish, **Puero**

One ounce for 100 feet of row.



Long Standing Hardy Winter.

**American Flag.**—Stem ten inches long by two inches thick. It is a strong, quickgrower and has a mild flavor. One of the best for fall and early winter use.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00; 5 lbs., \$9.50.

**Giant Italian.**—Very large, short, thick stems, with broad, dark green leaves; quite hardy. One of the best sorts.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00; 5 lbs., \$9.50.

**Giant Musselburg.**—Short and thick.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00; 5 lbs., \$9.50.

**Long Standing Hardy Winter.**—Large, thick, short stems, with very broad leaves. It is extremely hardy and will stand longer in the spring without bolting to seed than any other variety.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50; 5 lbs., \$12.00.

**Monstrous Carentan.**—Of dwarf habit, stem short, but very thick. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00; 5 lbs., \$9.50.

## LETTUCE

German, **Lattich** French, **Laitue** Spanish, **Lechuga**

**Culture Directions.**—Lettuce thrives on nearly all soils, but because the growth should at all times be rapid to insure crispness and best flavor, the soil should be heavily enriched and well worked before planting. Lettuce being quite hardy, seed may generally be sown as soon as ground can be worked. While prolonged or continued freezing will kill the plants, they are but little injured by an ordinary frost. Seed may also be sown in the hotbed in gentle heat, and the plants, if well hardened by having been often exposed to the air, may usually be set in the open ground very soon after the time suggested for sowing seed outdoors. Planting guide on page 1 tells when.

One ounce will sow 150 feet of drill.

**All Seasons.**—A good variety to plant throughout the season. Head good size and compact.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.15; 10 lbs., \$10.00.

**Big Boston.**—One of the most popular varieties. Heads large and very solid. One of the best for shipping long distances. While this variety does exceedingly well in the spring and fall, we do not recommend it for summer, as it is apt to burn in the heat. Cold weather will also turn outer leaves red.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50; 10 lbs., \$14.00.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

**Black Seeded Big Boston.**—A very fine uniform strain of Big Boston, which produces black seeds instead of white. Heads are larger than the white-seeded, are equally firm and will stand a few days longer before bolting to seed.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Black Seeded Simpson.**—One of the best loose-leaved curled sorts for sowing outdoors. Can be grown all through the season. Very tender and remains in condition for use for a long time.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.15; 10 lbs., \$10.00.

**Black Seeded Tennisball.**—Heads firm and medium size. A good variety throughout the season, but especially adapted for early sowing outdoors.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.15; 10 lbs., \$10.00.

**Boston Glass House.**—A medium-sized, firm-heading sort of a bright green color. One of the best for forcing. Used largely around Boston. Extra selected stock.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.

**Boston Market, or White Seeded Tennisball.**—A small, compact heading sort, used for forcing.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.15; 10 lbs., \$10.00.

**Burpee's Wayahead.**—A very early, medium-sized, firm-headed sort of excellent quality. Leaves quite smooth.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**California Cream Butter.**—A large, very solid heading sort, which will stand extreme heat or cold. Leaves thick and will stand shipping remarkably well. Outer leaves tinged bronze.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.15; 10 lbs., \$10.00.

**Deacon.**—A medium-sized bright green sort, which stands hot weather remarkably well. Usually the heads are not very firm, but it will not burn.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.15; 10 lbs., \$10.00.

**Denver Market.**—A handsome variety, forming tight, conical heads. The leaves are very deeply savoyed, and even the outside leaves are tender and crisp. Color is light green.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.15; 10 lbs., \$10.00.

**Dreer's All Heart.**—Similar to Salamander. The head is more compact and it stands the heat better than Salamander. We recommend it as an excellent sort to sow through the summer months.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**French Big Boston Without Red Edge.**—This is an excellent type. It heads very uniformly and is extremely hardy, never turning red from cold.

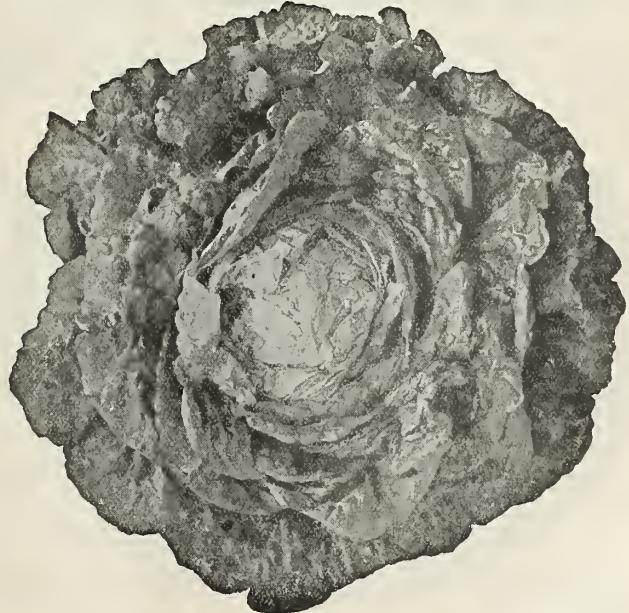
Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50; 10 lbs., \$22.50.

**Grand Rapids.**—The best loose-leaved curled variety for forcing. It is a very rapid grower, and will stand high temperature. It does not wilt quickly after cutting, and will therefore stand shipping.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

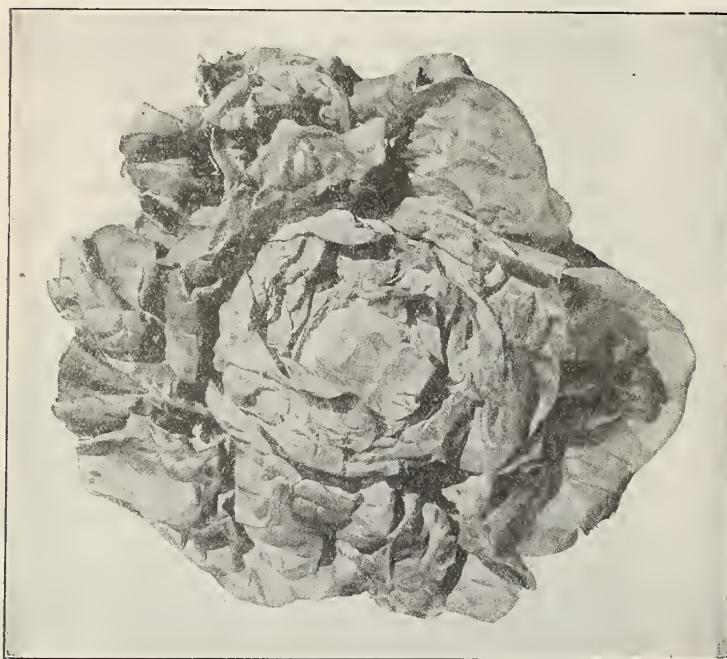
**Hopkins' Big Boston.**—The most uniform pure and sure-heading strain we have ever seen. Nearly every plant makes a salable head, and it contains practically no off types. We have taken great care to keep this true and uniform.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75; 10 lbs., \$16.50.



Hopkins' Big Boston.

## LETTUCE—Continued



Simon's Hot Weather Lettuce.

**Hanson.**—A fine, large-heading variety. Leaves curled on the edge; light yellowish-green in color. The head is crisp and brittle and of excellent flavor.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.15; 10 lbs., \$10.00.

**Hittinger's Belmont Forcing.**—A medium-sized, compact growing sort, which stands forcing exceedingly well. Can be planted close together. Heads are bright green and quite firm.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Iceberg.**—A large, crisp lettuce, always tender, stands hot weather remarkably well; give each head 14 inches in the row. The color is light green, lightly tinged with brown.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50; 10 lbs., \$14.00.

**Improved Salamander.**—One of the most popular and best all-season heading sorts. The leaves are thin, tender and buttery. The quality is all that could be desired. Heads medium to large size and quite firm. One of the best to use throughout the season. Our strain of this popular variety is unsurpassed.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.15; 10 lbs., \$10.00.

**King of the Garden.**—If you are looking for something strictly fancy in a large-head lettuce, this is it. The heads are extra large and quite firm, leaves thin and of the finest quality. It is too tender to stand rough handling. It is only good for spring and fall, as it will not stand extremely hot weather. Does its best when transplanted from the frames to outside in the spring. Does remarkably well for a late crop in the frames, providing the sash are taken off about the time it begins to form a head and has plenty of room. Should be planted 15 x 15.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Long Lost.**—A fine strain of Unrivaled. Heads are large and compact and resemble Big Boston.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50; 10 lbs., \$23.50.

**Los Angeles, Wonderful, or New York.**—Very large and solid. The inner portion is a beautiful white, the outer leaves dark green. Does remarkably well through the summer months.

Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 55c.; lb., \$2.00; 10 lbs., \$19.00.

**May King.**—A medium-sized, light green, very early heading sort, which does exceedingly well either for an early outdoor crop or for forcing under glass.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

**Mammoth Black Seeded Butter.**—A very large, tender, head-sort, with smooth, light green leaves. A good variety for spring and autumn.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.15; 10 lbs., \$10.00.

**Market Gardeners' Private Stock.**—A very fine strain of the Salamander type. Does remarkably well through the summer months.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.15; 10 lbs., \$10.00.

**Oak Leaf.**—Produces leaves similar in shape to an oak leaf. A good summer sort.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.15.

**Paris White Cos.**—This variety is lighter in color than Trianon.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Philadelphia Dutch Butter.**—A medium-sized heading butter lettuce, used extensively around Philadelphia for growing under sash for an early spring crop, also for an early outdoor crop. Should be transplanted from the frames when grown outdoors. The bottom leaves have small brown spots on them.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.15.

**Prize Head.**—One of the very best loose-bunching or non-heading varieties. Leaves brown, very curly and of remarkably fine flavor. Grows quickly, and all except the outer leaves are very brittle. It is probably the most easily-grown lettuce in cultivation.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.15; 10 lbs., \$10.00.

**Silesia Early Curled.**—A loose-leaved curled variety, similar to Black Seeded Simpson. It matures somewhat earlier.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.15; 10 lbs., \$10.00.

**Simon's Cabbage Head.**—This is one of the finest varieties of lettuce ever offered, and is superior to Big Boston in many ways. It does not scald in the heart and does not turn red from cold. It is just as large and firm as Big Boston, and is a little lighter in color. Some market gardeners grow it throughout the season, but we especially recommend it for spring and fall use. If you have been using Big Boston, try this, for it will surely please you. For illustration see back cover.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50; 10 lbs., \$22.50.

**Simon's Dutch Butter.**—A selection from Philadelphia Dutch Butter. Heads are larger and it heads up more uniform. The leaves have fewer spots on them. We have taken extra pains to have this important variety bred up to its present standing, and feel confident that the strain we offer is as good as can be produced.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Simon's Hot Weather.**—We have found this to be absolutely the best firm-heading lettuce to grow through the summer months. It will not scald or burn and will make a head when other varieties fail. It somewhat resembles Salamander in character of leaf, color and size, but the head is more compact, and it will stand longer before bolting to seed. It is practically all head, having very few outer leaves. It heads up quickly, making it valuable for an early crop. After repeated trials we have found it to be the best smooth-leaved, firm-heading, all-season variety.

We could print hundreds of testimonials if space would permit.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50; 10 lbs., \$14.00.

**Trianon Early Green Cos.**—An upright, quick-growing sort, self-blanching, large, very crisp and of superior flavor. This is the best of the Cos varieties.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Twentieth Century.**—One of the best all-season varieties. Does excellent in spring and autumn and remarkably well through the summer months. Heads from medium to large size, leaves slightly crumpled and of a light green color.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.15; 10 lbs., \$10.00.

**Unrivaled.**—A popular sort for cold frames and for early spring and fall planting in the field. Resembles Big Boston, but does not turn red.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50; 10 lbs., \$22.50.

**White Butter, or Hardy Ridge.**—An old-time variety used to plant on the warm side of a ridge about October 1st and stand out all winter, to cut early in the spring. Should be protected by covering with salt hay. Heads medium size, firm and matures very early. Very hardy; stands zero weather.

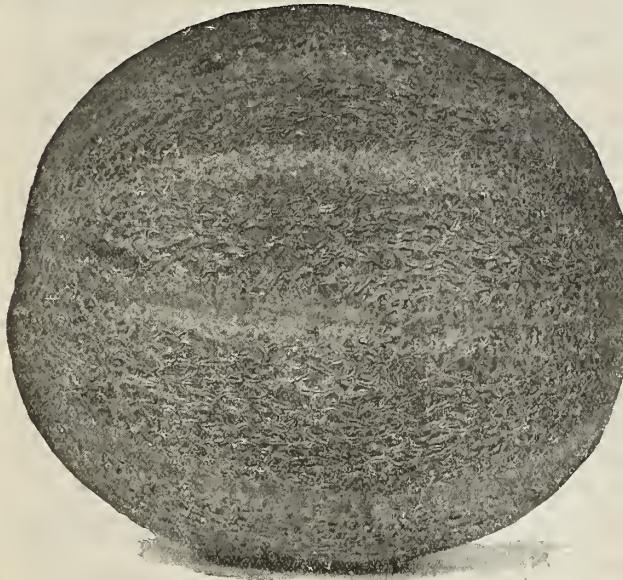
Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

# MUSK MELON

German, Melone   French, Melon   Spanish, Melon, Muscatel

## Green-Fleshed Varieties

**Cultural Directions.**—Melons do best in sandy soil or sod land; the ground should be made rich. The hills should be four to six feet apart with ten to twelve seeds in each hill. Put the seeds an inch deep and when danger of frost is over thin to four good plants to a hill. Cultivation should be kept up as long as possible. One ounce of seed is sufficient for 50 hills; 2 pounds per acre. Plant in May and June.



*Knight's Early, or Maryland.*

### One of the recent introductions of the Rocky Ford Type.

**Acme, or Baltimore.**—Fruit medium to large, oblong, pointed well netted and good quality.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**Burrell's Thoroughbred Rocky Ford.**—This melon has ten distinct ribs, covered with a closely laced and interlaced gray netting. The space between the netting is light green, changing to a pale slate green when ready to pick. The flesh is light green, changing very slightly toward yellow at the centre. Seed cavity is small. The size is very uniform.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Bush Musk Melon.**—Something new and very desirable for the garden patch, economizing space, filling a long-felt want. It is a very prolific bearer, color of flesh is green. Its flavor is most excellent; in shape, color and size it closely resembles the old favorite, Jenny Lind.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50.

**Delicious.**—This strain of the Eden Gem type is the result of several years selection by one of the most progressive farmers of Rocky Ford, Col. Its shape is ideal, very slightly oval, no ribs, and it is heavily netted over the entire melon. The bloom button is small and flesh as thick at the end as elsewhere. The melon is thick meated, fine grained and sweet; color green, with a gold margin next to the seed cavity. Our claim for this melon is its uniform shape, size and very superior quality. Its flesh is attractive and elicits favorable comment when served. Every seed we offer from this strain will be from a select melon and hand-seeded. We recommend this seed for the use of Melon Growers' Associations and high-class Market Gardeners.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate  
Prices Subject to Change Without Notice.

**Early Victor.**—We pronounce this the best green-fleshed crate melon for shipping long distances offered to date. It is as early as the Water's Early, with the deep flesh of the Netted Rock. It is exceedingly prolific, and no variety can surpass it in quality. It will hold up longer before getting soft and turning yellow than any variety we know of. The netting is heavy, slightly covering the ribs. It averages a trifle larger than Netted Rock. Anyone growing melons either for shipping or local market should not fail to try this valuable variety.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Extra Early Hackensack.**—The fruit is medium size, nearly round, deeply ribbed, with very coarse netting.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Hackensack, or Turk's Cap.**—Fruit very large, nearly round, sometimes a little flattened; ribs large and of irregular width, densely covered with coarse netting; flesh green, thick, coarse, but very sweet and finely flavored.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Honey Dew.**—The delicious honeylike flavor of this new melon has met with instantaneous public favor and created a sensation wherever used. The fruit is of large size, weighing eight to ten pounds each. The rind is perfectly smooth and cream colored. The flesh is from one and one-half to two inches thick, light green in color, very sweet and juicy.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Knight, or Maryland.**—Ten days earlier than Rocky Ford, twice as productive and larger in size. The vines are of a strong, healthy growth, branch freely, setting a large number of fruit close to the hill. The melons are fine, regular in size and form, nearly round or slightly oval, and very closely netted. The skin is of light golden hue when fully ripened. Flesh bright green, and ripens close to the skin. Originated near Baltimore. For the past two seasons it has brought the highest price in both New York and Boston of any melon shipped from the Norfolk district.

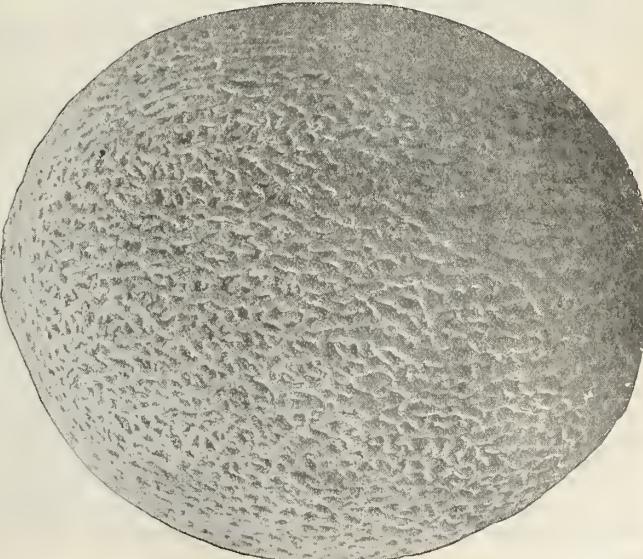
Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**Large Jenny Lind.**—Fruit medium to large size, somewhat flattened, deeply ribbed and heavily netted. It ripens early and the quality is excellent. We offer a very fine strain grown in New Jersey.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Montreal Market.**—Fruit very large, round, slightly flattened, covered with coarse netting. Flesh thick and of good flavor.

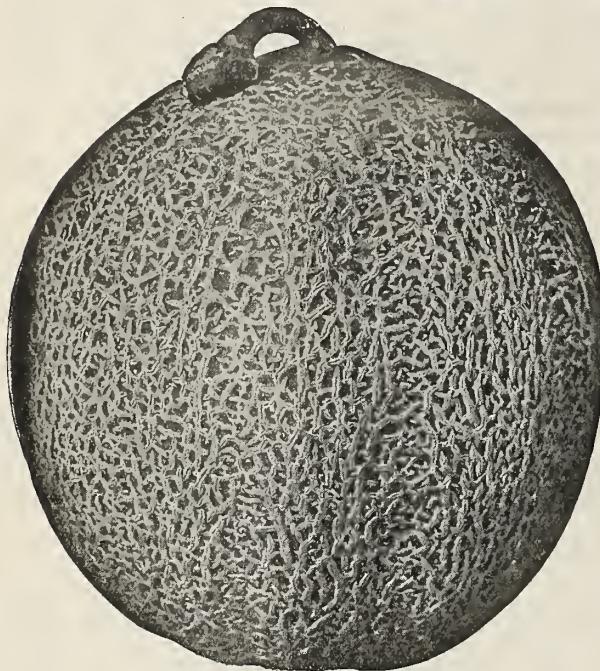
Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.



*Delicious.*

## MUSK MELON—Continued

### Green-Fleshed Varieties



Netted Rock, or Eden Gem.

**Netted Rock, or Eden Gem.**—This is one of the leading musk melons of the Rocky Ford type. It is of medium size, nearly round in shape, very heavily netted and slightly ribbed, the netting covering over the grooved portion. The flesh is extremely thick, seed cavity small, making it very heavy for a melon of its size. In quality it compares with the best strain of Rocky Ford. It is medium early and very prolific. The vine is vigorous and will resist blight better than most varieties.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Norfolk Button, or Small Jenny Lind.**—The earliest of all; fruit small, somewhat flattened, heavily netted and very sweet. It is extremely early and very prolific. The most of the fruits have a bump on the blossom end, from which it derives its name.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

### Salmon-Fleshed Varieties

**Banana.**—Fruit fifteen to twenty inches long by four to six inches thick. Skin light yellow and smooth. Flesh deep yellow. Has an odor similar to a banana.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10.

**Burrell Gem, or Defender.**—The fruit is of medium size, oval in shape, slightly ribbed and well netted. The flesh is thick, exceptionally fine grained, highly colored and highly flavored. Seed cavity very small. Vine robust, and, being a strong grower, resists blight to a remarkable degree.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Edwards' New Perfecto.**—A new variety developed from Eden Gem by Mr. J. R. Edwards, and the best of the Rocky Ford Class. Fruit very uniform in size, nearly round and densely covered with a hard gray netting; flesh very thick and of a beautiful salmon color, shading into green as it nears the rind. Perfecto has the deepest flesh, smallest seed cells and more salmon-colored flesh than any other type of Rocky Ford shipping melon. Recommended for its hardiness, prolificness, deep flesh and excellent eating and shipping qualities.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50; 10 lbs., \$14.00.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

**Emerald Gem.**—A splendid early variety, coming in just ahead of Rocky Ford; fruit emerald green in color, globular or slightly flattened, irregularly ribbed and lightly netted; flesh very thick, of a deep rich salmon color, and having an exceedingly small seed cavity. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**Fordhook, or Yellow-Fleshed Jenny Lind.**—Very similar to Jenny Lind, except that the flesh is orange instead of green. The flesh is deep and of the finest flavor. It is well ribbed and heavily netted; seed cavity small. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**Golden Honey Dew.**—This grand new melon is a sport from Honey Dew, which it resembles except in color. The flesh is a rich golden instead of light green, very sweet, keeps a long time and by many is considered superior to the green-fleshed variety. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50.

**Hearts of Gold or Hoodoo.**—A new orange-fleshed variety, ideal as a shipping melon and of the very finest quality. Vine vigorous, remarkably blight-resistant and very productive. Fruit of medium and very uniform size. Netting exceptionally fine and dense, extending practically over the entire surface. Rind thin, yet very firm, so that the melons arrive in perfect condition in distant markets. Flesh thick, firm, highly colored, of fine texture and delicious flavor. One of the best market melons offered today. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Irondequoit.**—Nearly round, flattened at the ends and netted. Flesh orange yellow, thick, sweet and of fine flavor. Quite early and grows to a good size. Very popular in market and fine for the home garden.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.25; 10 lbs., \$11.50.

**Osage, or Miller's Cream.**—Fruit medium size to large, nearly round, slightly ribbed, dark green, almost smooth. Flesh very thick, deep salmon and of the finest quality.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Osage Extra Early.**—A week to ten days earlier than the old type Osage, and nearly as large; flesh very thick, salmon colored and of high quality. Form, color and general appearance similar to Osage. One of the very best melons we offer.

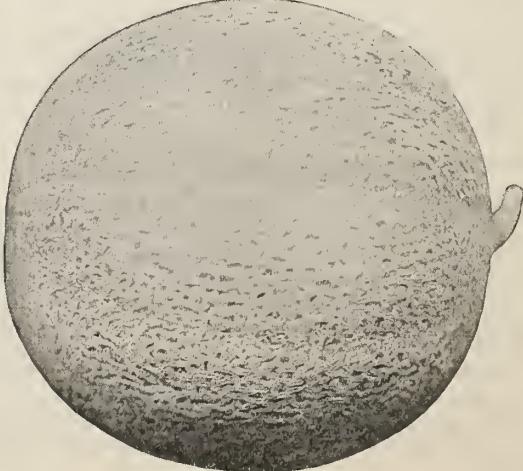
Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**Salmon-Fleshed Eden Gem.**—Similar in every respect to the Green-fleshed Eden Gem, except that the flesh is of a beautiful salmon color. This is an excellent variety for those wanting a salmon or yellow-fleshed melon.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**Tip-Top.**—Fruit large size, nearly round, slightly ribbed and covered lightly with shallow netting. Skin cream-colored, flesh thick, deep yellow and very luscious.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.



Edwards' New Perfecto.

# WATERMELON

German, **Wassermelone**. French, **Melon d'Eau**. Spanish, **Zandla**.  
1 oz. for 30 hills; 4 to 5 lbs. in hills for an acre.

**Cultural Directions.**—Watermelons require a rich though rather sandy soil for best development, and thrive best in warm latitudes, although in warm, sandy soils in this latitude fine crops are also obtained. Cultivate exactly as for Muskmelons, except that the hills should be eight feet apart.

**Alabama Sweet, or Carolina Bradford.**—This excellent shipping melon is one of the leading sorts grown by Texas and other Southern Melon Growers' Associations and extensive individual growers. The rind is dark green marked with a still darker green mottled stripe, and while thin it is very tough, making the melon a first-class shipper. The flesh is bright red, fine grained, sweet and luscious, entirely stringless and very firm. The seeds are white, slightly tipped with brown, and are firmly set in small cavities near the rind. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Angel's Kiss.**—A new variety of Texas origin. It is a handsome melon of large oblong shape with bright red flesh, very solid and firm. The quality is unsurpassed. Rind mottled silver-gray, very tough but thin skin. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Black Boulder, or Black Diamond.**—A mammoth, oval-shaped melon with dark green rind, almost black. Melons have been grown from this variety that have weighed 75 to 85 pounds. Flesh bright red and firm. An excellent shipper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Blue Gem, or Iceberg.**—Fruit large, thick oval form; skin dark green, faintly striped with a light shade. Fine shipper, as the rind is tough. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Branch's Improved Georgia Rattlesnake.**—The best strain of Rattlesnake. The quality and flavor is excellent. The rind is thin but tough, making it a good shipper. Flesh deep scarlet, sweet; shape oblong, striped and mottled with various shades of green. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Dark Icing.**—Skin dark green, indistinctly veined with a lighter shade. Fruit almost round. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Dixie.**—Fruit long, skin dark green striped with a lighter shade. Flesh bright scarlet, rind thin but tough. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Excel.**—This is the largest shipping melon yet produced, of good flavor, strong tough rind, and solid, firm, crisp flesh that will carry to any market and keeps well. Similar in shape to Tom Watson, but thicker. Color is dark green with wide bands of darker shade, uniform in colors. Melons cut, big red hearts showing few seeds. Seeds are both black and white, white seed showing dark rims and eyes. Very prolific and averages more large melons than any other variety and weighs heavier for its size. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Florida Favorite.**—Fruit long, dark green, mottled and striped with a lighter shade. Rind thin but firm. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Fordhook Early.**—This is the earliest large-fruited melon. Nearly round in shape, rather short and blocky; skin dark green with an occasional lighter stripe. While the rind is thin, the skin is tough, making it a good shipper. Flesh bright red and of good quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Golden Cream.**—This is quite distinct from other varieties, as the flesh is yellow instead of red or pink. It is of oblong shape, medium size with dark green skin. The quality is excellent. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Gray Monarch, or Long Light Icing.**—Skin mottled very light green. Fruit long and of excellent quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Halbert Honey.**—Fully equal in quality to Kleckley's Sweet, which it resembles. It is more even in outline, is blunter at the end, and the skin is of a richer, darker color. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Irish Grey.**—A distinct and very valuable melon, the productiveness is wonderful, producing more good marketable melons under the same conditions than any other variety. The eating quality is all that could be desired in a watermelon, the sparkling red flesh is very sweet and entirely free from hard centers or stringiness, yet the flesh is very firm and compact and will not break when sliced. The size is uniformly large, color of rind, yellowish grey and almost as tough as that of the Citron, ripens earlier than Tom Watson, will keep in good condition for a long time after picking and stand long distance shipping. Another important feature, the rind will not sunburn, and will keep in good condition for several days in the sun after becoming ripe, while all dark rind melons will blister yellow on the top, which renders them unsalable. The IRISH GREY is beyond the experimental stage and you need not hesitate to plant it extensively. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Kleckley's Sweet, or Monte Cristo.**—This very popular melon is one of the best for nearby markets. Fruit is medium size, oblong, of a dark green color, and has very thin rind. Flesh bright scarlet with solid heart, crisp, sugary and melting, and entirely free from stringiness. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Kolb's Gem.**—Fruit nearly round, medium size; skin marked with irregular stripes of light and dark green. A good shipper, but of poor quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**McIver's Wonderful Sugar.**—Originally from the West Indies. Of medium size and variegated exterior. The flesh is rosy pink, solid, sweet and delicious. Very prolific and withstands wet weather or drought. It is of great value to the home market, the rind being too delicate to withstand long shipment. It has become very popular, as it is one of the sweetest. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Peerless, or Ice Cream.**—Fruit oval-shaped, skin bright green, finely veined or mottled. Rind thin, flesh bright scarlet, solid, crisp and very sweet. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Round Light Icing.**—Medium size, round, very light green, veined and mottled with slightly darker green. Rind thin, flesh very sweet and of the finest quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.



Irish Grey.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

## WATERMELON—Continued

**Sweet Heart.**—Fruit oval shaped, skin pale green, distinctly veined with a slightly darker shade. Flesh deep red and of the finest quality.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Tom Watson.**—A large long melon with dark green rind and light crimson flesh of excellent quality. It is a splendid shipper and is being grown extensively in the South for Northern markets.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Triumph.**—Fruit large, nearly round; skin dark green, sometimes indistinctly striped with a lighter shade. The rind is thin but firm, making it an excellent shipper. Flesh bright red and of good quality.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Citron for Preserving.**—Fruit small and round. Flesh white and solid. Not used for eating in the raw state, but for preserving, pickling, etc.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

## MUSTARD

German, **Senf**

French, **Moutarde**

Spanish, **Mastaza**

**Cultural Directions.**—As an ingredient, the green Mustard imparts a delightfully pungent flavor to the various forms of prepared salads. For early crops the seed may be sown in a hotbed in March, and for general crop at frequent intervals throughout the spring, in drills 8 to 12 inches apart. One ounce will sow 75<sup>0</sup> feet of drill.

**Chinese.**—Leaves twice the size of White English, sweet and pungent.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

**Fordhook Fancy.**—The dark-green leaves of this variety are more curled on the edges than any other sort, making most attractive greens.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

**Giant Southern Curled.**—Large variety, forming a great mass of beautiful leaves, which are ruffled and finely curled on the edges. Hardy, vigorous, highly recommended.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

**Ostrich Plume.**—Plants vigorous; leaves dark green, which curve outward like a fine ostrich plume.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

**White English.**—Leaves smooth and deeply cut, color dark green. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

## MUSHROOM SPAWN

Postage extra. Consult "Postal Directions" on front inside cover.

**Pure Culture.**—Proven the best by test. Bricks weighing about 1 $\frac{1}{2}$  pounds each. 25c.; 10, \$2.25; 100, \$20.00.



Ask for Culture Leaflet; gives complete instructions.

## OKRA OR GUMBO

German, **Okra**

French, **Gombo**

Spanish, **Quimbombo**

**Cultural Directions.**—Sow about the middle of May when the ground is warm, in hills about three feet apart; cover seed one-half inch and thin plants to three in a hill. Keep ground well hoed and earth up around the plants to support them. Gather pods while young and tender. Excellent for soups and stews, etc., to which they impart a rich flavor.

One ounce will plant 100 hills.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

## OKRA—Continued

**Perkins' Mammoth Podded.**—Height three to four feet. Pods deep green, long and slender. Very productive.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

**Dwarf Prolific.**—Plants two feet high, of stocky growth and very prolific. Pods long, greenish white and matures early.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

**White Velvet.**—Plant of rather tall growth, bearing a large crop of white smooth pods.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

**Kleckley's Favorite.**—Height two and a half feet. Pods five inches long, smooth, white, tender and quite fleshy.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

## ONION

German, **Zwiebel**

French, **Olignon**

Spanish, **Cebolla**

**Cultural Directions.**—The Onion thrives best in a rather deep, rich loamy soil, and, unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The best culture requires that the ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to pulverize. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake and tread it firmly; sow thinly in drills about one-fourth of an inch deep, 1 foot apart; cover with fine soil, and press down with the back of a spade or a light roller. When the young plants are strong enough thin gradually so that they stand 3 or 4 inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply, or to collect it about the growing bulbs. Early Green Onions can best be obtained by planting Egyptian Top Onion Sets which are only planted in the fall and produce an early scallion. The Egyptian Onion does not produce a bulb; it is grown only for its green top for early spring use. They should be planted one inch deep.

Onion sets are planted early in the spring and produce an onion earlier than from the seed.

One ounce of seed is sufficient for 100 feet of drill, 5 to 6 pounds for one acre. One quart of onion sets will plant 50 feet of row.

**All of our onion seed is grown from selected bulbs and will give excellent results. Write for prices on 100-lb. lots and upward.**

**Allisa Craig.**—The great English exhibition onion. It is globe-shaped, slightly pointed at the top and base, color straw yellow. It grows to gigantic size. Specimens have been grown to weigh three pounds each. For best results, seed should be sown under glass and transplanted six inches apart in the row where they are to grow.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00; 10 lbs., \$19.00.

**Australian Brown.**—Bulb flattened, but thick through, skin reddish brown. It is very early and an excellent keeper.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.35; 10 lbs., \$12.50.

**Bermuda (Red).**—A very early, flat variety, used largely in the South for planting in the fall and marketing in the spring. Is of mild flavor and a good shipper, but not a winter keeping variety. The color is a pale red. The best stock is imported from Teneriffe, Canary Islands, and we offer only this stock.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Bermuda (White).**—A very early variety, used largely in the South as an early market onion, where the seed is sown in the fall and the onions harvested in the spring. It is mild and of particularly fine flavor. Color yellow, and shape flat. The seed we offer is grown in Teneriffe, Canary Islands, and is a fine pure strain. This is the principal variety shipped in crates from Texas and Imperial Valley early in the spring.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$28.50.

**Crystal White Wax.**—A pure white variety, very flat and extremely early. Is of the Bermuda type and the best strains come from Teneriffe, Canary Islands, from where we receive our supply. The beautiful clear white onion seen in our markets, early in the spring, is this variety.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00; 10 lbs., \$37.50.

**Extra-Early Pearl.**—Bulb small, skin white, flesh mild. It matures very early.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00; 10 lbs., \$19.00.

**Giant Gibraltar.**—Similar to Prizetaker. The bulbs are larger and it will stand warm climates better. The leaves are distinct. They are of a deep green color with a glossy surface.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75; 10 lbs., \$16.50.

## ONION—Continued

**Giant White Italian Tripoli.**—Large, flat, pure white bulb of a mild flavor. Should be planted early, as it requires the whole season and good cultivation for it to mature.  
Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75; 10 lbs., \$16.50.

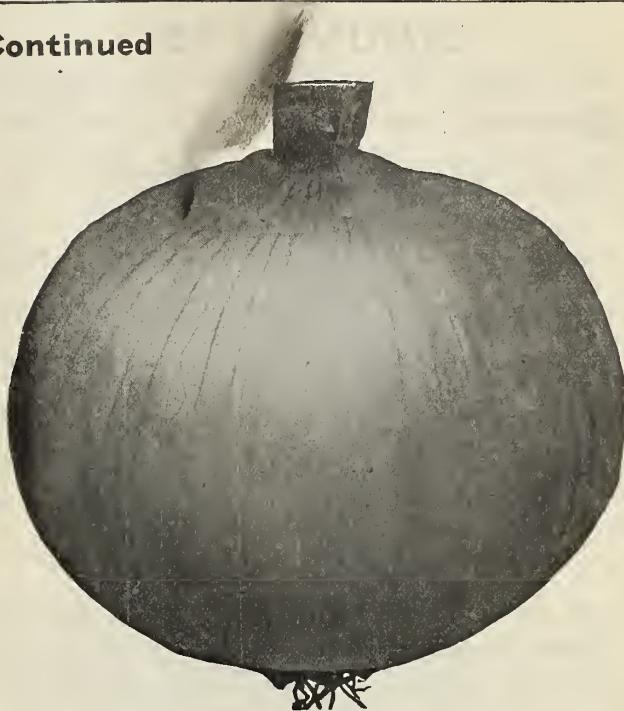
**Mammoth Silver King.**—A very large pure white onion, with flattened form, but quite thick through. Skin silvery white, flesh pure white, mild and fine flavor. Should be planted early, as it requires the whole season for it to mature.  
Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00; 10 lbs., \$19.00.

**Ohio Yellow Globe.**—This variety originated in Ohio, where it has long been considered one of the best of Globe Onions. The color is a handsome bright yellow and it has a very small neck, ripening down evenly. It ripens early, flesh firm and is an excellent winter-keeping sort.  
Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 55c.; lb., \$1.85; 10 lbs., \$17.50.

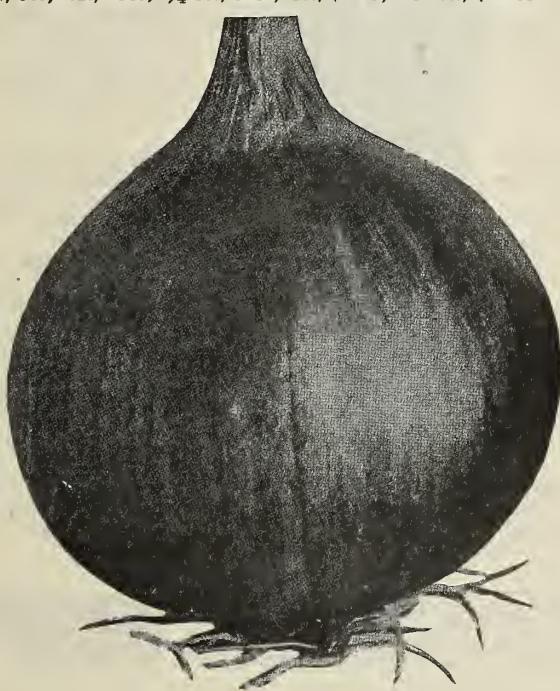
**Prizetaker, or Mammoth Yellow Spanish.**—A very handsome onion of the largest size and nearly globular. Skin yellow, flesh white and very mild. To grow them to the largest size, seed should be sown in March in hotbeds and transplanted outside as soon as weather will permit.  
Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 55c.; lb., \$1.85; 10 lbs., \$17.50.

**Queen.**—An extra-early, white-skinned sort of especial value for pickling.  
Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00; 10 lbs., \$19.00.

**Southport Red Globe.**—Large, globe-shaped bulbs, small neck and of a rich, deep red color.  
Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 55c.; lb., \$1.85; 10 lbs., \$17.50.



Prizetaker.



Southport White Globe.

**Southport White Globe.**—Large, globe-shaped bulbs of a pearly white color. The flesh is firm, fine grained and of mild flavor. Used extensively for a green bunch onion, for which it is admirably adapted on account of its strong top and handsome shape. One of the best and most popular sorts.  
Pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 10 lbs., \$29.00.

**Southport Yellow Globe.**—Large, globe-shaped bulbs of a rich yellow color.  
Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 55c.; lb., \$1.85; 10 lbs., \$17.50.

**Wethersfield (Large Red).**—Bulb large, flattened, yet quite thick, skin deep purplish red. Good keeper.  
Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 55c.; lb., \$1.85; 10 lbs., \$17.50.

**White Welsh Onion (Hardy).**—A very hardy sort which is used as a bunch onion. Seed should be sown in spring or early summer. They will then make fine thick stalks for the following spring. Seed can be sown in August, but it is not as satisfactory. It produces a large white stalk; but does not make a bulb. Is extremely hardy and makes an excellent bunch onion or scallion.  
Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.25; 10 lbs., \$21.50.



Southport Yellow Globe.

## ONION SETS

Plant according to cultural directions given for onions on page 25.

**Postage extra. Consult "Postal Directions" on front inside cover.**

One quart of sets weighs one pound. Legal weight of onion sets 32 pounds per bushel.

**Write for prices on 10 bushels and upward.**

**Egyptian, or Perennial.**—Qt., 20c.; 4 qts., 60c.; pk., \$1.00; bus., \$3.00. Weight per bushel, 28 lbs.

**Red Wethersfield.**—Pt., 10c.; qt., 20c.; 4 qts., 60c.; pk., \$1.15; bus., \$4.00.

**White Portugal or Silver Skin.**—Pt., 15c.; qt., 25c.; 4 qts., 70c.; pk., \$1.30; bus., \$4.50.

**Yellow Danvers.**—Pt., 10c.; qt., 20c.; 4 qts., 60c.; pk., \$1.15; bus., \$4.00.

**Yellow Strasburg.**—Pt., 10c.; qt., 20c.; 4 qts., 60c.; pk., \$1.15; bus., \$4.00.

## PARSLEY

German, Petersilie

French, Persil

Spanish, Perejil

**Cultural Directions.**—Because of its pleasant flavor, the leaves of Parsley are used extensively. The seed germinates very slowly. Sow thickly, in rows one foot apart and half an inch deep, pressing down well after sowing. When well up, thin to six inches apart. Parsley lives through the winter, seed may be sown in the autumn for early spring use. One ounce will sow 150 feet of drill.

**Champion Moss Curled.**—A compact growing variety. Leaves well curled and of a dark green color.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 80c.; 10 lbs., \$7.50.

**Extra Double Curled.**—Leaves extra curled, dark green color.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 80c.; 10 lbs., \$7.50.

**Hamburg Short Thick, or Parsnip Rooted.**—Grown for the root, which resembles a parsnip in shape and color, although smaller. Foliage nearly same as plain parsley.

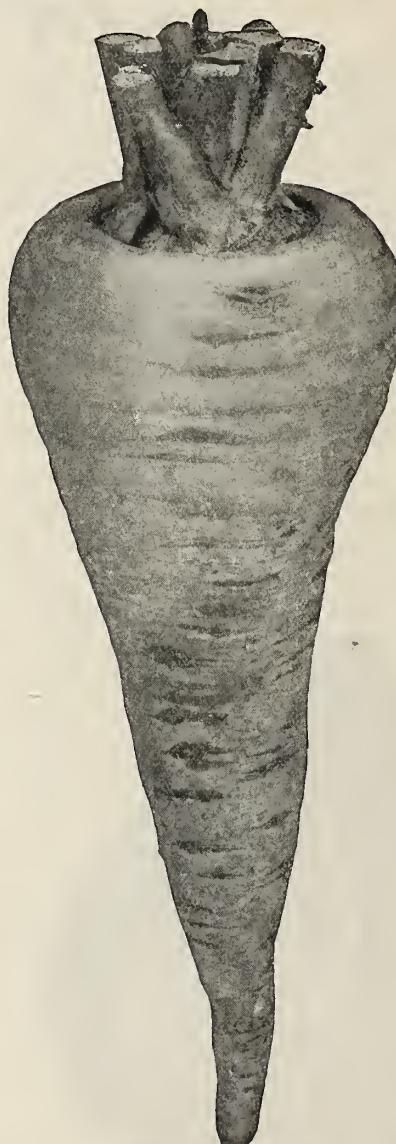
Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 80c.; 10 lbs., \$7.50.

**Market Gardeners' Perfection.**—The best double curled parsley. Extra curled, very dark green color, strong grower and quite hardy.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 80c.; 10 lbs., \$7.50.

**Plain, or Single.**—Leaves flat, deeply cut, but not curled, dark green and very hardy.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 80c.; 10 lbs., \$7.50.



Perfection Hollow Crown.

## PARSNIP

German, Pastinake

French, Panais

Spanish, Pastinaca

Sow in April or early in May, as Parsnips require a long season to mature. Their cultivation is the same as directed for Carrots. They may be dug in the Autumn and stored for Winter use, but if left in the ground till the following Spring, they are very much improved in flavor. Sow a liberal quantity of seed, as it naturally does not come up well.

One ounce will sow 100 feet of drill. Five to six pounds to the acre.

**Guernsey Hollow Crown, or Student.**—Medium length, smooth and white.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50; 10 lbs., \$14.00.

**Long Smooth Hollow Crown.**—Larger than our Perfection strain and thicker through.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50; 10 lbs., \$14.00.

**Perfection Hollow Crown.**—This is the handsomest parsnip grown. Roots half long, thick through, perfectly smooth, clean skin and of a pure white color.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50; 10 lbs., \$14.00.

INOCULATE THIS  
SEED WITH  
FARMOGERM

**PEAS**  
Early Varieties

INOCULATE THIS  
SEED WITH  
MULFORD CULTURE

German, Erbsen

French, Pois

Spanish, Guizante

**Cultural Directions.**—Peas do best in a light, rich loamy soil that has been liberally manured the previous season. Plant the smooth varieties as early as the ground can be worked. The wrinkled peas are not so hardy as the smooth kinds, and should be planted later; they are, however, sweeter and better flavored. For a succession, plant every two weeks—until June 1st, then discontinue until August 1st, when the extra early varieties may be planted for a fall crop. When grown for market, peas are rarely staked; in small gardens grow in double rows, 12 inches apart, and stake with brush. They should be kept clean and the earth worked toward them two or three times during growth.

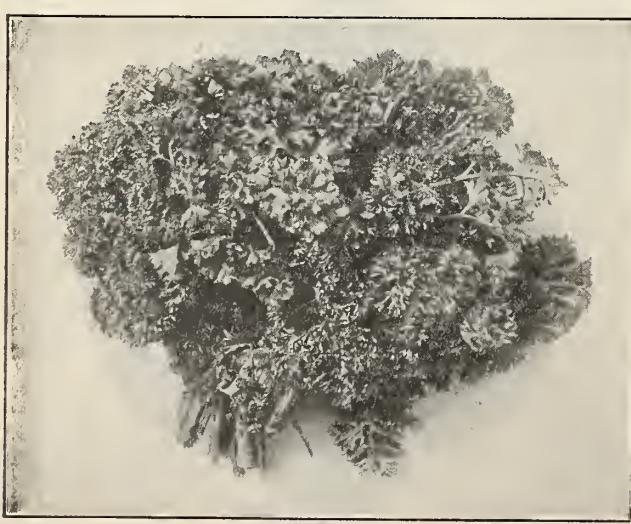
**Two pounds will plant 100 feet of drill; 120 pounds for an acre.**  
**Postage extra. Consult "Postal Directions" on front Inside cover.**

**Alaska, or Earliest of All.**—A very popular variety extensively grown for canning. It is the first to mature; height two and a half feet. Pods short but well filled; very prolific.

Pkt., 10c.; lb., 25c.; 10 lbs., \$1.80; 100 lbs., \$16.00.

**Alaska Large Podded.**—Pods are broader and longer than Alaska, vines a little taller.

Pkt., 10c.; lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.



Market Gardeners' Perfection.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

## PEAS—Continued

## Early Varieties

**Postage extra. Consult "Postal Directions" on Inside front cover.**

**Ameer.**—A very prolific, extra early sort, producing medium-sized, dark green pods. Height three feet.

Pkt., 10c.; lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**American Wonder.**—A dwarf, early wrinkled sort; pods short but well filled, quality excellent. Height one foot.

Pkt., 10c.; lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Blue Bantam.**—A new dwarf, extremely early variety, very productive, bearing on 15-inch vines many large, well-filled pods of luscious deep green peas, fully as large as Gradus, numbering eight to ten peas to a pod. This pea matures as early as American Wonder and is destined to become a great Market Gardeners' variety.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**First and Best.**—An extra-early, very productive variety, pods short but well filled. Height, two and a half feet.

Pkt., 10c.; lb., 25c.; 10 lbs., \$1.70; 100 lbs., \$16.00.

**Gradus, or Prosperity.**—A very popular, large-podded wrinkled variety. Matures just after the extra-early varieties, and produces a good crop of pods four inches long, providing it is planted on light, warm, rich soil, but very disappointing under adverse conditions. The quality is excellent. Height three feet.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Grand Monarch.**—This is without question the best extra-early pea for Market Gardeners. It is only five days later than Alaska and the pods are almost as large as Gradus. The seed being smooth, it can be planted as early as any of the extra earlies. It is very prolific; pods of a rich dark green color. Height, three feet.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Laxtonian.**—This is the finest dwarf early pea offered today. The vines grow eighteen to twenty inches high and produce an enormous crop of dark green pods as large as Gradus, maturing a few days ahead of that variety.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Little Marvel.**—A new variety of recent introduction similar to Nott's Excelsior. The vines grow fifteen inches high and produce an abundance of pods, frequently borne in pairs, which average two and one-half inches in length and well filled with six to seven medium-sized deep green peas of the finest quality. Pods are a little larger than Nott's Excelsior and are deeper green. Season the same.

Pkt., 10c.; lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Nott's Excelsior.**—A medium-early wrinkled sort of dwarf habit. Pods are numerous and well filled, being quite broad. The quality is pronounced the best of any. Height, fourteen inches.

Pkt., 10c.; lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Nott's Excelsior Improved.**—Similar to Nott's Excelsior in habit, but producing much larger, broader pods filled with large peas of the very finest quality. One of the best dwarf early wrinkled varieties. Height, eighteen inches.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Peter Pan.**—One of the very finest of the large podded, dwarf peas, on the order of Laxtonian, though somewhat earlier. Height, 15 inches. Vine and foliage stout, heavy and dark green; pods 3½ inches long, very broad, straight and pointed, containing 6 to 8 large, dark green peas of superb quality.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Pilot.**—A few days earlier than Gradus, with a larger pod. Height, three feet. As the seed is almost smooth, it can be sown with the Extra Earlies.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.



*Grand Monarch.*

**Pioneer (Sutton's Dwarf).**—This is a new variety of dwarf habit, vines 15 to 18 inches, a strong, vigorous grower, maturing same time as Gradus. The pods are 4½ inches long, well filled with 8 to 10 deep green peas.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Premium Gem, or Little Gem.**—Hardy, prolific, uniform in habit of growth. Pods medium size and well filled. Medium early. Height eighteen inches.

Pkt., 10c.; lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Prolific Early Market.**—A smooth white-seeded extra early, about five days later than First and Best, with a pod one-third larger and vine about six inches taller.

Pkt., 10c.; lb., 25c.; 10 lbs., \$1.80; 100 lbs., \$16.00.

**Simon's Selected, Extra Early.**—The best of the white-seeded, extra-early sort. For earliness and purity it is without a rival. Pods short but well filled. Height, two and a half feet.

Pkt., 10c.; lb., 25c.; 10 lbs., \$1.80; 100 lbs., \$16.00.

**Sutton's Excelsior.**—Pods three inches long, broad, straight, well filled to the point. Quite prolific, medium early, height, fifteen inches. Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Thomas Laxton.**—Closely resembles Gradus in habit, earliness and rapidity of growth. The pod is a trifle shorter, darker green and blunt on the blossom end. Very popular and one of the best second earlies. Height, three feet.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

## PEAS—Continued

## Second Early and Late Varieties

**Postage extra. Consult "Postal Directions" on inside front cover.**

**Alderman.**—Pods very large and of a dark green color. Height, four feet. Quite late.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Bliss' Everbearing.**—Height, two and one-half feet. The pods are broad and borne at the top of the vine. The peas are large and of a superior flavor.

Pkt., 10c.; lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Carter's Daisy or Dwarf Telephone.**—A most desirable sort on account of its size, beautiful shape and fine quality. Pods broad and of a pale green color. Height, twenty inches.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Champion of England.**—An old sort, still popular on account of the large, sweet, tender peas. Pods three inches long and quite broad, vine vigorous, growing from four to five feet high.

Pkt. 10c.; lb., 25c.; 10 lbs., \$1.90; 100 lbs., \$17.00.

**Dwarf Champion or Juno.**—A vigorous growing sort, bearing broad pods three inches long, blunt at the ends. Height, two and a half feet.

Pkt., 10c.; lb., 25c.; 10 lbs., \$1.90; 100 lbs., \$17.00.

**Dwarf Gray Sugar.**—A dwarf edible pod variety. Height, about two feet.

Pkt., 10c.; lb., 25c.; 10 lb., \$1.90; 100 lbs., \$17.00

**Giant Luscious Sugar.**—A new edible pod sort producing large pods of excellent quality. Seeds brown, blossoms purple.

Pkt., 10c.; lb., 35c.; 10 lb., \$2.90; 100 lbs., \$27.00.

**Goliath.**—This new variety produces the largest pods of any variety known to us. They frequently measure seven inches and contain ten to twelve large dark green peas of excellent quality. Pods dark green, vine five feet. Season same as Telephone.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Improved Stratagem.**—Pods large and peas of excellent quality. Height, twenty inches.

Pkt., 10c.; lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Melting Sugar.**—This variety is used the same as a snap-bean, both pod and pea being eaten. The pods are large, extremely tender while young, finely flavored and borne in great profusion. Seed white. Height, four to five feet.

Pkt., 10c.; lb., 35c.; 10 lbs., \$2.70; 100 lbs., \$25.00.

**Potlatch, or Big Dinner.**—One of the best second early, large podded, dwarf, wrinkled sorts. The pods are large, of a rich dark green color and the quality is excellent. Very prolific. Height, two feet.

Pkt., 10c.; lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Prince Edward.**—A grand new late sort, producing very large, handsome, dark green pods, filled with eight to ten large, luscious peas. Pods frequently measure six inches long. Height, five feet.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00.

**Simon's Fillbasket.**—Distinguished from the old Fillbasket in having pods that are broader, longer and larger in every way. The pods are very large and of a dark green color, which makes it very popular with Market Gardeners. It is a tremendous cropper, but the quality is only fair. It is a second early sort, but can be planted very early, as the seed is almost smooth. Height, three and a half

feet; vine very robust. Our strain of this valuable variety is free from the small-podded sorts.

Pkt., 10c.; lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Telegraph or Long Island Mammoth.**

Resembling in all respects as to vine, leaf and pods the Telephone, except that they are a deeper shade of green, and peas of only fair quality. A favorite with some Market Gardeners on account of fine appearance of the pods, which are large and dark green. Height, three and a half feet.

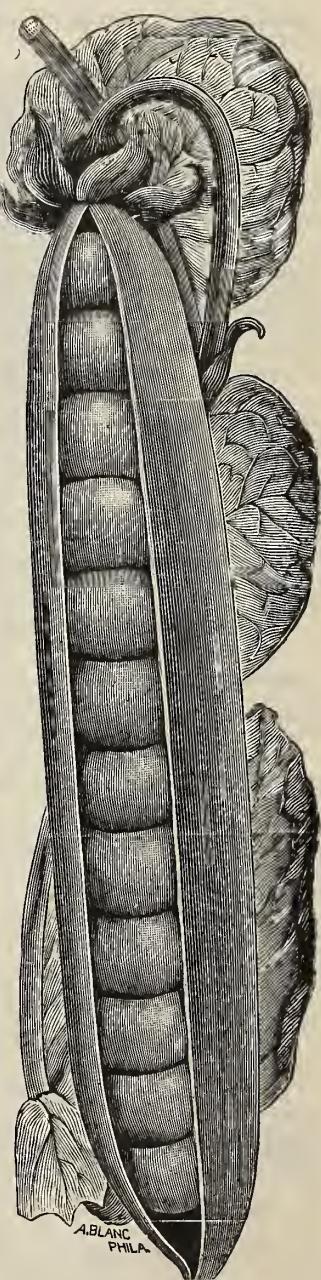
Pkt., 10c.; lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Telephone.**—An old, popular variety, producing very large pods of a medium green color, filled with large peas of the very finest quality. Height, three and a half feet.

Pkt., 10c.; lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

**Yankee Prince.**—The king of the second early large-podded wrinkled sorts of the Telephone type. Remarkably healthy, vigorous and productive. Pods of the largest size frequently six inches in length, straight, round at the point, deep green in color and most beautifully shaped, well filled with large peas that are deep green in color and of the richest flavor. Height, four feet. We claim this to be the best of its class.

Pkt., 10c.; lb., 30c.; 10 lbs., \$2.20; 100 lbs., \$20.00



*Yankee Prince.*

### What Our Customers Say

**Mrs. T. H. Queale, Farmdale, Ohio, writes:**

The Yankee Prince Peas have won such great favor among the people here that several wanted me to order for them, so you will find enclosed check for \$4.30 in order to send 10 lbs. of Yankee Prince Peas. Received my seeds today and they are O. K. Thanking you for your promptness.

**Wm. Stinger, 2408 Golf Ave., Phila., Pa., reports:**

Your Yankee Prince Peas are excellent, and produced seven half bushels of large podded peas from 1 quart of seed. One of the vines measured seven feet in length.

## PEPPER

**German, Pfeffer.** French, **Piment.** Spanish, **Pimiento.**

One ounce will produce about 2000 plants.

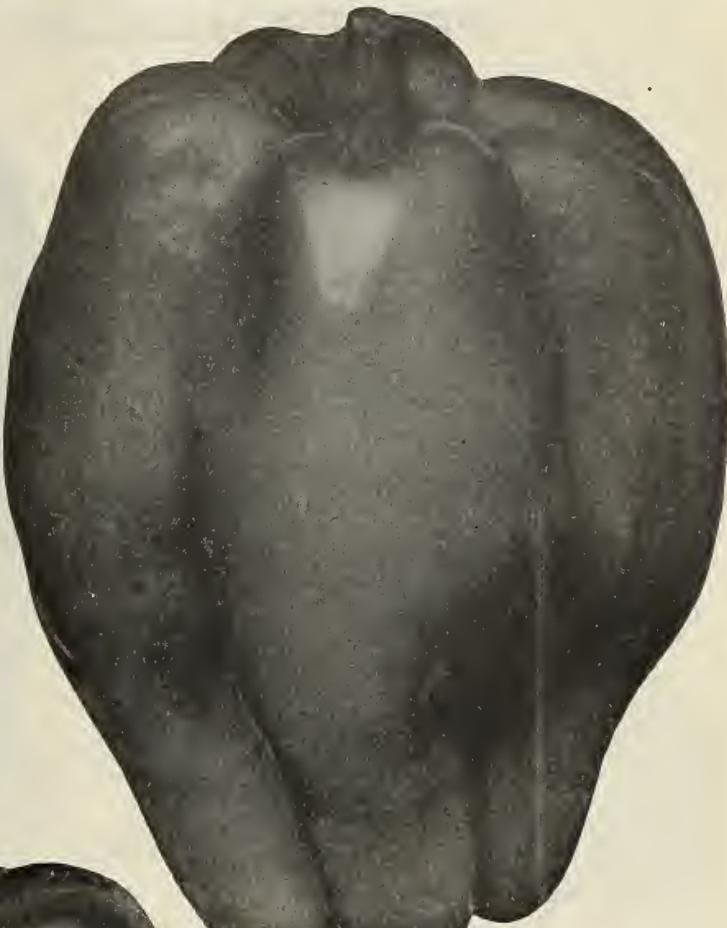
**Cultural Directions.**—Sow in hotbed from February to April; transplant in open ground when all danger from frost is over, in rows three feet apart and two feet apart in a row. Seed can be sown outside late in May. Cover seed one-half inch and thin as above.

**Anaheim Chili, or Mammoth Cayenne.**—Fruit five to six inches long by one inch thick at the stem, tapering to a point, color brilliant scarlet and red hot.  
Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00.

**Celestial.**—A Chinese variety, useful as well as ornamental. Sets its fruit early, and continues until frost. The upright fruit is first white, then golden yellow, changing, when fully grown to a bright scarlet.  
Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

**Chinese Giant.**—Plant dwarf, fruit of mammoth size, very broad, but rather short. It is very late and a rather shy yielder. Popular on account of its large size and mild flavor. Our stock is pure and is as good as can be obtained.  
Pkt., 10c.; oz., 50c.;  $\frac{1}{4}$  lb., \$1.60; lb., \$6.00.

**Early Giant Neapolitan (New).**—For many years we have been asked for a large pepper that would produce an early crop. We now can offer our customers a pepper that will fill their wants in our Early Giant Neapolitan. During our inspection tours we found one plant growing among a field of Early Neapolitan with peppers more than double the size and apparently just as early. We saved the seed from this plant, planted it the following season, and to our surprise, found that it came true to type. The type is thoroughly fixed. Compared with Ruby King plants set out last year at the same time produced fruit ready for market two weeks earlier. The fruits were equally large, and produced in greater abundance. It is perfectly mild. The color is first a light, waxy green, turning to red and resembles the Early Neapolitan in every respect, except that it is much larger. It is the earliest large variety offered today, and anyone wanting a pepper of this description should not fail to try this valuable variety.  
Pkt., 25c.; oz., 75c.;  $\frac{1}{4}$  lb., \$2.75; lb., \$10.00.



*Early Giant Neapolitan.*

**Early Red Squash, or Tomato Shaped.**—Fruit small, flat, shaped like a tomato; skin smooth, glossy red; flesh thick, mild, somewhat pungent; early and very productive.  
Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

**Half Long Narrow Cayenne, or Pot Herb.**—Fruit three to four inches long by one-half inch thick at the stem end, tapering to a point. It is very productive and red hot. Used extensively for bunching with pot herbs.  
Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00.

**Large Bell, or Bull Nose.**—Sometimes called Sweet Mountain. Plant vigorous, compact, very productive, ripening its fruit uniformly and early.

Fruit large, of blocky form, with thick flesh, usually quite hot.  
Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

**Mammoth Golden Queen.**—Fruit large size, bell-shaped, rich golden yellow color, with sweet thick flesh of fine flavor.  
Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

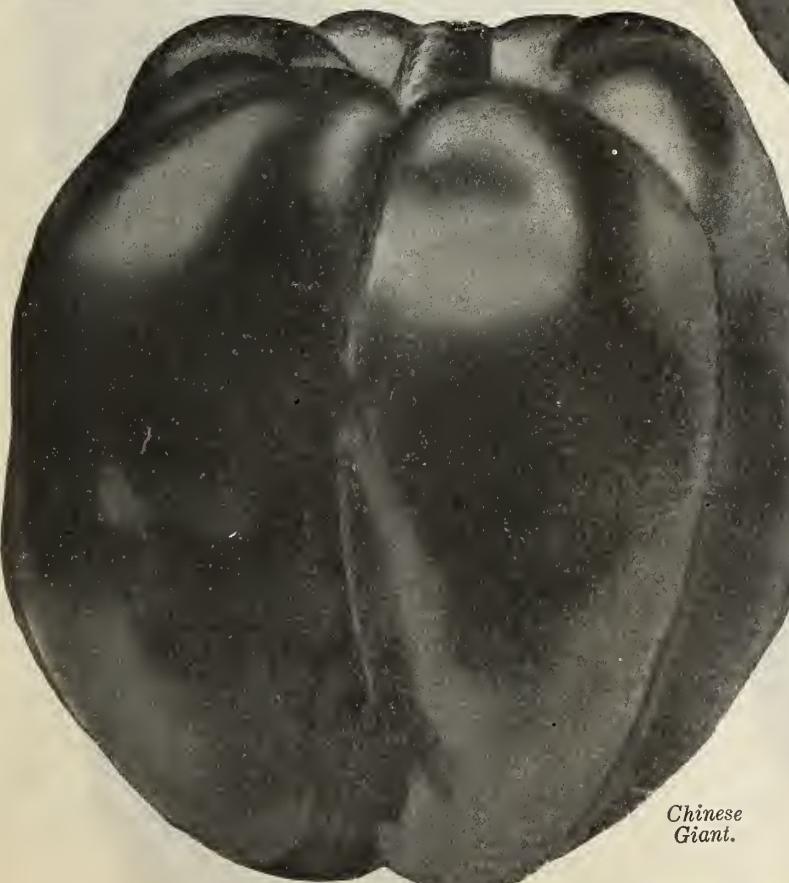
**Neapolitan Early.**—The earliest of the bell-shaped class. Fruit medium size, similar to Ruby King in shape, very prolific and extra early.  
Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

**Ohio Crimson, or Crimson Giant.**—An early maturing large-size sweet pepper, similar in shape to Bull Nose, but much larger, and flesh thicker. It is exceptionally mild and very prolific. Color of fruit green when young, deep crimson when matured.  
Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.35; lb., \$5.00.

**Red Cherry.**—Fruit small, bright red and very pungent.  
Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

**Red Chili.**—Small red, conical pods about 2 inches long. Very hot and prolific. Generally used for seasoning and pepper sauce.  
Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

*Chinese Giant.*



## PEPPER—Continued

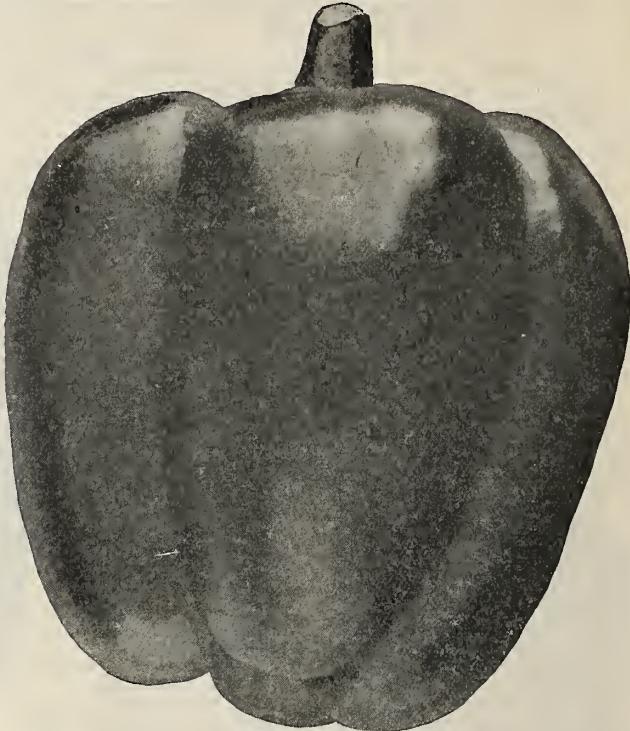
*Pimiento or Perfection.*

**Pimiento or Perfection.**—A medium early, prolific, perfectly mild variety with extremely thick flesh. On account of its thick flesh it will hold up for a long time and is an excellent sort for canning whole. The half-tone shown above is an exact reproduction from a photograph.

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

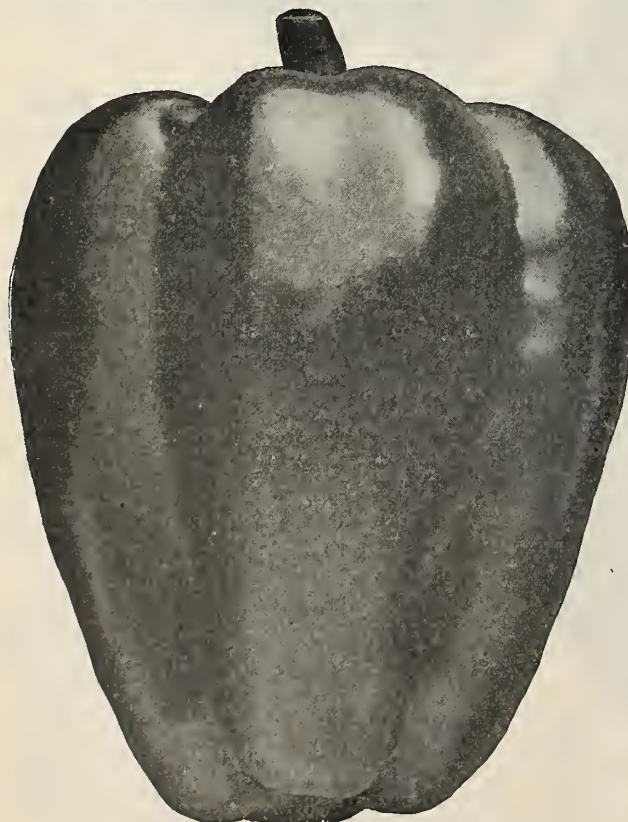
**Ruby King.**—A large mild variety, with fruit often measuring four to six inches in length and quite symmetrical in shape. We offer an exceptionally fine strain.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

*Sweet Upright.*

**Sweet Upright.**—A very prolific early-maturing variety, with very thick flesh, producing the fruit with the points upright. The fruit is about the same size as Bull Nose, green when young, turning to a bright scarlet when matured.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00.

*Crimson Giant or Ohio Crimson.*

Prices Subject to Change Without Notice.

*Ruby King.*

## PEPPER—Continued



Simon's Worldbeater.

The Finest Introduction in Peppers in Ages.



Texas Shipper or Sweet Italian.

**Red Cluster.**—Bears abundantly in clusters, hot, pungent, coral red fruit.

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

**Royal King.**—A new sweet Pepper of the Ruby King type. Fruit average four inches long of deep green color when young, and bright scarlet when ripe. The flesh is thick and sweet.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

**Ruby Giant.**—Similar to Ruby King. The fruit growing somewhat larger and are a little broader at the base.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00.

**Texas Shipper or Sweet Italian.**—An early exceedingly prolific variety, of recent introduction. The fruit are nearly heart-shaped; very mild, green at first then turning red at maturity. Very popular.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00.

**Simon's Worldbeater.** This is, without doubt, the finest large pepper yet introduced. It is a cross between Chinese Giant and Ruby King, fully as early as Ruby King and similar in shape, but broader at blossom end, almost the size of Chinese Giant and far more prolific, some plants producing as many as twenty-four marketable peppers, exceptionally mild, can be eaten raw without fear of burning. Color of fruit green at first, turning to a beautiful shade of scarlet. Flesh thick, which enables it to hold up a long time and makes it an excellent shipper. For illustration from a photograph, see cut opposite.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

## SEED POTATOES

Postage extra. Consult "Postal Directions" on front inside cover.

German, Kartoffeln. French, Pomme de Terre. Spanish, Batatas.

A sack of potatoes contains 165 pounds. One bushel weighs 60 pounds. Eight to ten bushels will plant one acre.

**Cultural Directions.**—A good, sandy loam produces the best Potatoes, but they can be grown on all kinds of soil. New or pasture land, with the turf freshly turned, produces the finest crop. Make furrows of good depth, 3 feet apart. Scatter a liberal dressing of phosphate or decayed stable manure along the drill, and set the seed about 10 inches apart in the rows. Cover with about 2 inches of soil, and begin to cultivate when the plants are well up. At each successive hoeing, bring additional soil about the plants.

**Dibble's Russet.**—A productive late variety of recent introduction that is destined to become very popular. The tubers are round, plump, immune to rust and blight, of a beautiful russet color, and of excellent quality.

**Early Rose.**—This pink-skinned variety is noted for earliness, productiveness and fine quality.

**Gold Coin (Late).**—The vines are strong and vigorous, and the tubers are deeply set in the ground; well adapted to loose soils and much land; the tubers are large, color white with a slight streak of pink; of fine quality; very dry and mealy.

**Green Mountain, or Improved State of Maine.**—A medium late, large, handsome oval white potato. A prolific yielder, and always of fine eating quality. Is not susceptible to disease, and is gradually becoming the standard white potato for late planting.

Price on all varieties,  $\frac{1}{2}$  pk., 45c.; 1 pk., 85c.;  $\frac{1}{2}$  bu., \$1.50; 1 bu., \$3.00; 1 sack, (165 pounds) \$8.00.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

**Jersey Red Skin.**—This potato is not planted in the early spring. It will do well in most any soil, though light soil is preferable. Since this variety sets abundantly it requires plenty of plant food to produce potatoes of good size. Plantings are made of this variety from July until August. They are good keepers and are most excellent for table purposes, especially in the late winter and early spring. It is a most valuable addition to the potato crop.

**Superba.**—A new and valuable variety for a fall crop. Round in shape, skin white, good quality and an excellent keeper. Should be planted June 20th to July 20th in this vicinity.

## PUMPKIN

German, **Kurbis**French, **Potiron**Spanish, **Calabaza**

**Cultural Directions.**—Usually grown in corn-fields, but if grown as a separate crop, seed should be planted in hills 8 to 10 feet apart each way after weather and soil get warm. Hoe often till vines begin to run. Cut pumpkins from vine after the leaves die, leaving 3 to 4 inches of stem attached, and store in a dry place. Handle carefully and avoid bruising. Use one ounce of seed to 20 hills of most varieties; 3 to 4 pounds per acre.

**Golden Oblong.**—Oblong in shape, averaging about 20 x 10 inches. Skin golden yellow and tough, making it an excellent keeper. Flesh light yellow and of fine quality. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00.

**Green Striped Cushaw.**—A crook-necked variety. Skin striped green and white, flesh rich yellow, solid, fine grained, very thick and sweet. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Japanese Pie.**—A large crook-necked sort; skin green, striped yellow. Flesh yellow and of fine quality. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**King of the Mammoths.**—The largest of all pumpkins. Fruits grow to enormous size, shape almost round, skin orange colored, slightly rough. Flesh deep and of a bright yellow color, quality excellent. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.35.

**Large Cheese, or Kentucky Field.**—Fruit flattened, usually twice as wide as it is thick, skin cream color when matured, flesh yellow and of excellent quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00; 100 lbs., \$60.00.

**Large Yellow, or Connecticut Field.**—Used principally for feeding stock. Shape almost round, medium size, skin deep yellow, and smooth yellow flesh. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.; 10 lbs., \$8.00; 100 lbs., \$75.00.

**Mammoth Golden Cushaw.**—One of the best stockfeeding varieties. Is a solid yellow crook-necked sort, and is nearly all flesh, having a very small seed cavity. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Mammoth Tours, or Jumbo.**—A productive French variety that attains tremendous size and weight. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**New England Pie, or Sugar.**—A small, round sort, very sweet, fine grained and of the very best quality. Skin deep orange, flesh rich yellow. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00.

**Tennessee Sweet Potato.**—Shape similar to a bell, skin and flesh white, very thick and sweet. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**White Cushaw, or Jonathan.**—A crook-necked variety, shell creamy white and hard. The neck is long, flesh thick and of fine quality. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Winter Luxury, or Pie.**—Medium size, nearly round, skin smooth, yellow, covered with fine gray netting. Flesh light yellow, sweet and finely flavored. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00.

## RADISH

German, **Rettig, Radies.** French, **Radis; Raze; Petite Rave.** Spanish, **Rabanos.**

Our radish seed is all grown from transplanted roots and sure to give excellent satisfaction.

One ounce will sow 100 feet of drill.

**Cultural Directions.**—For very early use seeds can be sown in frames in February, making successive sowings every two or three weeks. Sow also in the open ground in April in light, rich, sandy soil, selecting a warm or sheltered location. Later sowings can be made at intervals during the summer in a moist location where they can grow quickly. Sow broadcast in drills. Seeds of Winter Radishes should be sown during midsummer and the Radishes can be kept during winter if covered with sand and placed in a cool cellar.

**Bright Red Forcing Globe.**—Perfect ball shape, bright scarlet color, with a remarkably short top, which makes it especially adapted for forcing. Matures in thirty days and remains solid longer than most extra-early sorts. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Bright Red Forcing Turnip.**—Similar to Bright Red Forcing Globe, except that it is turnip-shaped, or a little flatter. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Cardinal Globe.**—Early, round, bright red. Suitable for forcing or growing outside. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.



*Bright Red Forcing Globe.*

**Cincinnati Market.**—Similar to Long Scarlet Short Top, but a deeper red in color and remains a little longer in condition for use. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 10 lbs., \$8.50.

**Crimson Giant.**—A large, early round sort of the Scarlet Globe type. Grows twice the size, but is a little later and has more top, which makes it undesirable for forcing, but an excellent outdoor sort. It remains solid longer than any of the early round red varieties. Color bright red. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 10 lbs., \$8.50.

**Early Golden Yellow Oval.**—Matures quickly, has small top and resists the summer heat remarkably well. Root oval, smooth and of a bright light yellow color. Excellent quality. Suitable for forcing or growing outside. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Early Long Scarlet Short Top.**—A popular long red variety, grown extensively in the South. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 10 lbs., \$8.50.

**Early Scarlet Globe.**—Round in shape. Color bright red. Suitable for forcing or growing outside. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Early Scarlet Olive.**—Red, olive shaped. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Early Scarlet Turnip.**—Round, red. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 10 lbs., \$8.50.

**French Breakfast.**—Similar to Scarlet Turnip White Tipped, except that it is oblong in shape. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 10 lbs., \$8.50.

**Half Long Deep Scarlet.**—Roots half long and of a beautiful deep scarlet color. Remains in good condition longer than some of the long scarlet varieties. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 10 lbs., \$8.50.

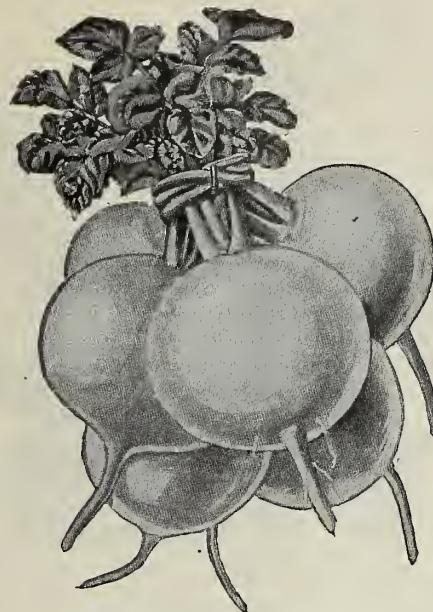
**Large White Summer Turnip.**—Root round. Color white. Does not get pithy as soon as the White Box sorts. Good summer variety. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 10 lbs., \$8.50.

**Livingston's Pearl Forcing.**—Long white, with short top. Suitable either for forcing or outdoor use. Matures early. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 10 lbs., \$8.50.

**Long Brightest Scarlet White Tipped.**—One of the brightest and handsomest scarlet radishes. Matures very early, top short. Color bright red, with the tail tipped white, which makes it very attractive. Suitable for forcing or early outdoor use. Must be pulled as soon as ready. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 10 lbs., \$8.50.

**Long Red Chartier, or Shepherd.**—A very long good summer variety. Color scarlet rose, shading to white at the tip. Remains in condition for use a long time. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 10 lbs., \$8.50.

## RADISH—Continued



Simon's Special Stock White Box.

**Long White Vienna, or Lady Finger.**—Long white, medium early.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 10 lbs., \$8.50.

**Philadelphia White Box.**—A popular variety in the vicinity of Philadelphia and used more extensively than any other. It matures early, root round, slightly flattened, color white, top medium. It is grown both under sash and outdoors.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 10 lbs., \$8.50.

**Simon's Special Stock White Box.**—Top short, root round with a small tap root, and of a clear, waxy white color. Excellent for growing under sash.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 10 lbs., \$8.50.

**Sparkler Early Scarlet Turnip, White Tipped.**—One of the most attractive and popular of the early turnip sorts. The roots are slightly flattened, the upper portion a deep scarlet and the under portion white, making a beautiful contrast. Our stock of this important variety is true and can be relied on to be the best of its class.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 10 lbs., \$8.50.

**White Hot House.**—Positively the finest strain of round white radish for growing in the green house or under sash. It is a very rapid grower, top extremely short, tap root short and very slender. In shape it is slightly flattened, which allows it to be pulled when quite small. The color is clear, waxy white, and it is of excellent quality. The illustration is a reproduction of a bunch grown in the green house by S. H. Waram, of Thorofare, N. J., who pronounces it the best strain of its type that he has ever grown.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**White Icicle.**—One of the best early, long, white sorts. Suitable either for forcing or growing outside. Roots somewhat shorter and tops smaller than White Vienna. Very crisp and tender and of a beautiful waxy white.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 10 lbs., \$8.50.

**White Strasburg.**—One of the most popular summer sorts. Roots long, quite thick through. Color white. It remains solid for a long time after reaching maturity.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 10 lbs., \$8.50.

**Yellow Summer Turnip.**—A yellow turnip-rooted sort, which stands the hot weather better than any of the yellow varieties. Excellent quality.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

## RADISH—Winter Varieties

**China Rose, or Scarlet China.**—One of the most popular fall and winter sorts. Roots about six inches long. Skin smooth and of a bright rose color. Flesh very firm and crisp.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Giant White Stuttgart.**—An oval-shaped white variety, used for planting in the fall, somewhat resembling a turnip.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Half Long Black Winter.**—Skin black. Roots about five inches long and three inches thick at the top, tapering gradually to a point.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**Long Black Spanish.**—A leading winter variety, one of the best keepers. Roots, cylindrical, 7 to 10 inches long; skin blackish-brown; firm white flesh.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Round Black Spanish.**—Roots round, sometimes top-shaped; good keeper.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Round China Rose.**—Same as China Rose, except that the root is round instead of long.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**White Chinese, or Celestial.**—A comparatively new variety which is popular wherever known. The root is long and thick through, with beautiful white skin and flesh so white as to attract attention even among other white varieties. Flesh very crisp, tender and of excellent quality.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.



White Hot House.

## RHUBARB

German, **Rhabarber** French, **Rhubarbe** Spanish, **Ruibarbo**

**Cultural Directions.**—Plant roots four feet apart each way, in very rich well-manured soil. Cultivate well and top-dress liberally. Plants easily grown from seed. Sow in drills about 18 inches apart, and thin the plants to 12 inches in the drills. Use one ounce to 100 feet of drill.

**Victoria.**—A good market sort, with beautiful red stalks.  
Pkt., 5c.; oz., 20c.; 1/4 lb., 50c.; lb., \$1.50.

## RHUBARB ROOTS

**Postage extra. Consult "Postal Directions" on front inside cover.**

We can supply a standard variety of Rhubarb Roots from a leading Market Gardener.

Dozen, \$1.00; 100, \$5.00; 1000, \$40.00. Purchaser paying transportation charges. One dozen weighs 5 pounds.

## SALSIFY

German, **Haferwurzel**. French, **Salsifis**. Spanish, **Ostra vegetal**.

One ounce will sow 75 feet of drill.

**Cultural Directions.**—A very delicate and nutritious vegetable especially esteemed for its peculiar oyster flavor. Sow the seed early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 6 inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring.

**Mammoth Sandwich Island.**—A popular Market Garden sort, producing good size roots; comparatively smooth.

Pkt., 5c.; oz., 20c.; 1/4 lb., 65c.; lb., \$2.25; 10 lbs., \$21.50.

## SORREL

**Cultural Directions.**—Sow in drills early in spring, thin out to 6 to 8 inches apart in the row. Commence cutting about 2 months after planting. Sorrel is hardy, will continue to bear for three or four years.

One ounce will sow 100 feet of drill.

**Large Leaved French.**—The best garden variety, having large pale green leaves of fine quality, resembling spinach, only not so broad. Perfectly hardy, can be cut five or six times.

Pkt., 5c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

## SWISS CHARD OR SPINACH BEET

**Cultural Directions.**—Swiss Chard is a beet grown for its leaves. The mid-rib when boiled makes delicious greens, or the leaves may be boiled and served as spinach. Sown in the spring the leaves are soon ready to eat and will continue to grow all through the summer and fall. If given a little protection it will survive the winter and make excellent greens early in the spring.

One ounce will sow 60 feet of drill.

**Large Ribbed Green Leaved.**—Large, smooth leaves with silvery white stems, which are tender and of fine flavor.

Pkt., 5c.; oz., 15c.; 1/4 lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Lucullus.**—A new variety with curled leaves like a Savoy cabbage. The plant grows nearly two feet high and the stem and leaves are very large and of fine quality.

Pkt., 5c.; oz., 15c.; 1/4 lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

## SPINACH

German, **Spinat**. French, **Epinards**. Spanish, **Espinaca**.

1 oz. for 100 feet, 10 to 12 lbs. in drills for an acre.

**Cultural Directions.**—Sow thinly in rows 12 or 15 inches apart, covering the seed about one-half inch; thin the plants to four inches apart in the row. The main crop is sown in August and September. It is sometimes covered up in cold localities with straw or salt meadow hay during winter, which prevents it from being cut with the frost, but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to June. Spinach develops best and is the most tender and succulent when grown in rich soil and in cool weather; during the hot summer months it bolts to seed quickly.



*Savoy Spinach.*

**Early Giant Thick Leaved.**—The quickest growing sort. Leaves very large, round and almost smooth. Recommended for an early spring or early fall crop.

Oz., 5c.; 1/4 lb., 15c.; lb., 40c.; 10 lbs., \$3.00; 100 lbs., \$25.00.

**King of Denmark.** The leaves are large, rounded, somewhat blistered, and deep green. The plants grow vigorously and are ready to use as soon as any kind; while at the same time they remain a long time in good condition after other kinds have run to seed.

Oz., 10c.; 1/4 lb., 25c.; lb., 75c.; 10 lbs., \$6.50; 100 lbs., \$60.00.

**Large Leaved Flanders.**—A vigorous growing early variety with very broad leaves of a bright, green color.

Oz., 5c.; 1/4 lb., 15c.; lb., 40c.; 10 lbs., \$3.00; 100 lbs., \$25.00.

**Long Season.**—An excellent second early variety, with thick dark green, crumpled leaves. Grows to a large size and will stand for a long time after maturing.

Oz., 5c.; 1/4 lb., 15c.; lb., 45c.; 10 lbs., \$3.50; 100 lbs., \$30.00.

**Mammoth Italian Long Standing.**—The largest growing variety. Leaves very broad and of mammoth size, dark green color, slightly crumpled. Plants of rather upright growth. Will stand a long time without bolting to seed. One of the best second early varieties.

Oz., 5c.; 1/4 lb., 15c.; lb., 45c.; 10 lbs., \$3.50; 100 lbs., \$30.00.

**Monstrous Viroflay.**—A very large, quick-growing sort, suitable for an early spring crop.

Oz., 5c.; 1/4 lb., 15c.; lb., 40c.; 10 lbs., \$3.00; 100 lbs., \$25.00.

**New Zealand.**—Entirely different from the true spinach in type in that it thrives during the hot weather in any soil, rich or poor. The tender shoots are of good quality and may be cut throughout the summer. Plant three or four seeds in a hill two feet apart each way.

Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 50c.; 10 lbs., \$4.50.

**Savoy Leaved, or Bloomsdale.**—A large, quick-growing variety adapted for sowing in the autumn for early spring use. It is of upright growth with thick, dark green crumpled leaves. Bolts to seed quickly in warm weather.

Oz., 5c.; 1/4 lb., 15c.; lb., 40c.; 10 lbs., \$3.00; 100 lbs., \$25.00.

**Summer Green Long Standing.**—The finest variety to sow for a second crop or through the summer months, as it stands hot weather remarkably well. The plant is large, leaves thick, dark green, and very much crumpled.

Oz., 5c.; 1/4 lb., 15c.; lb., 45c.; 10 lbs., \$3.50; 100 lbs., \$30.00.

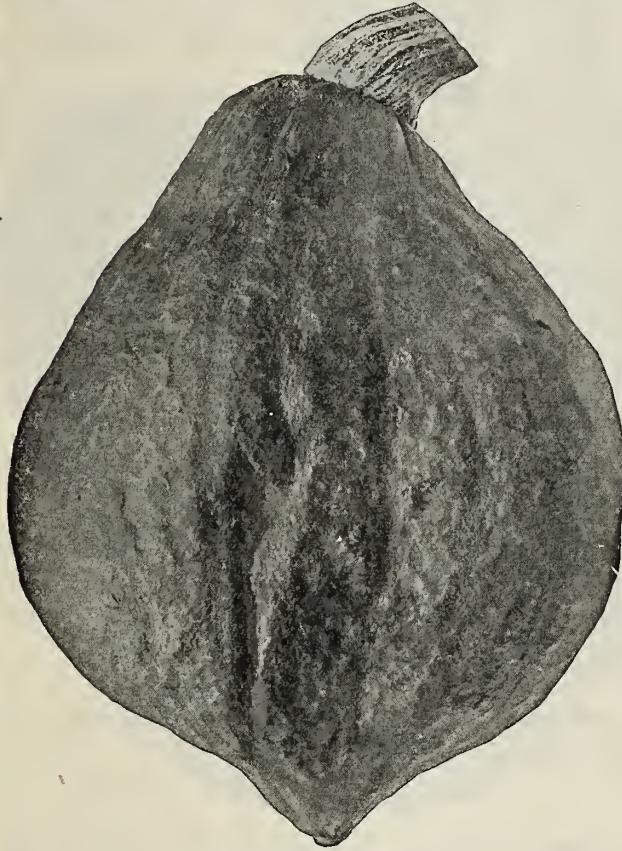
**Victoria.**—A second early, dark green, round-leaved variety, growing close to the ground. Leaves slightly crumpled in the centre. Will stand some time without bolting to seed.

Oz., 5c.; 1/4 lb., 15c.; lb., 40c.; 10 lbs., \$3.00; 100 lbs., \$25.00.

# SQUASH

German, **Kurbis**French, **Courge**Spanish, **Calabaza**

**Cultural Directions.**—After danger of frost is past, plant in a warm well-pulverized, rich soil, mixing well-rotted manure in each hill. Plant eight or ten seeds to the hill, about May 10th for the summer varieties 4 to 6 feet apart, and the winter sorts 8 to 10 feet about July 1st. When well grown, thin out, leaving three of the strongest plants in each hill. Do not bruise or break the stems of the winter squashes when gathering. Plant summer sorts, one ounce to 25 hills; 3 to 4 pounds to an acre; winter sorts, ounce to 10 hills; 3 to 4 pounds to an acre.



Boston Marrow.

**Boston Marrow.**—A fall and winter variety of oval form, skin thin; when ripe, bright orange; flesh rich salmon yellow, fine grained and of excellent flavor.

Pkt., 5c.; oz., 10c.; 1/4 lb., 25c.; lb., 80c.; 10 lbs., \$7.50.

**Black Michigan.**—A running variety producing fruit about 12 inches long by 3 inches diameter. Skin very dark green, flesh pale yellow and of excellent quality. Used in the New England States.

Pkt., 5c.; oz., 15c.; 1/4 lb., 45c.; lb., \$1.50.

**Chicago Warted Hubbard.**—A selection from Hubbard. Fruit are a trifle larger and more heavily warted.

Pkt., 5c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Cocozella di Napoli (Italian Vegetable Marrow).**—Fruit large, oblong shaped, dark green at first, but as they mature become marbled with yellow and lighter green stripes. The young fruit when sliced and fried constitutes a vegetable delicacy superior to eggplant.

Pkt., 5c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Delicata.**—Fruit small, oblong; skin yellow, striped with green. Used for autumn and winter.

Pkt., 5c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Delicious.**—A very early winter variety of medium size; shell moderately hard, very thin; flesh thick, fine grained and of a light yellow color. It varies somewhat in color and form, usually oval-shaped, with green, smooth skin, sometimes slightly mottled.

Pkt., 5c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Early Yellow Bush Scalloped.**—Similar to Extra Early White Bush, except that the skin is yellow.

Pkt., 5c.; oz., 15c.; 1/4 lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**English Vegetable Marrow (Running Variety).**—Produces a succession of Squashes throughout the summer, ranging in size from 10 to 15 inches long by 4 to 6 inches thick. Skin greenish yellow to a creamy white; flesh white and of a very rich flavor. One of the best summer varieties.

Pkt., 5c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.25.

**Extra Early White Bush Scalloped (White Patty Pan).**—A well-known variety of dwarf habit and upright growth. Surface comparatively smooth. Color, greenish-white while young; then changing to creamy white. One of the best and most popular sorts.

Pkt., 5c.; oz., 15c.; 1/4 lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.

**Fordhook Bush.**—Oblong shaped, with cream-colored skin. Flesh light yellow, very thick and of excellent quality. Keeps well if allowed to ripen.

Pkt., 5c.; oz., 15c.; 1/4 lb., 35c.; lb., \$1.10.

**Giant Yellow Summer Crookneck.**—The largest and one of the earliest summer varieties; fruit often two feet long, very warty and deep orange in color.

Pkt., 5c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Golden Custard Bush.**—Similar to Mammoth White Bush, except that the skin is yellow.

Pkt., 5c.; oz., 15c.; 1/4 lb., 35c.; lb., \$1.10; 10 lbs., \$10.00.

**Golden Hubbard.**—Similar to Hubbard, except that it is smaller, matures earlier and is of an orange-red color, except for a bit of olive green on the blossom end.

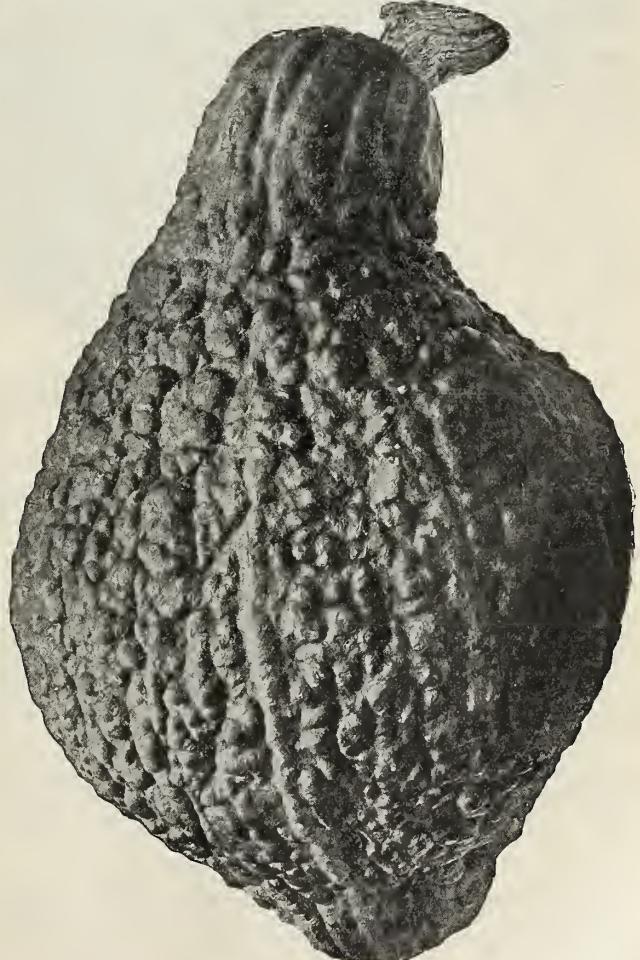
Pkt., 5c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Hubbard.**—One of the best winter squashes; flesh bright orange yellow, fine grained, very dry, sweet and richly flavored. Fruit large, oval-shaped; skin dark green, rough, covered with warts. Excellent keeper.

Pkt., 5c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Livingston's Pie.**—Fruit medium size, nearly round, skin smooth, yellow, covered with a fine gray coating. Flesh light yellow, thick, sweet and finely flavored.

Pkt., 5c.; oz., 15c.; 1/4 lb., 35c.; lb., \$1.00; 10 lbs., \$9.00.



Chicago Warted Hubbard.

## SQUASH—Continued

**Mammoth Chili.**—Grows to a mammoth size. Flesh very thick, color rich yellow, fine grained and sweet.  
Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50.

**Mammoth White Bush Scalloped.**—Similar to Early White Bush, except that they are larger and about five days later.  
Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

## TOMATO

German, **Liebesapfel.** French, **Tomate.** Spanish, **Tomates.**

**Cultural Directions.**—Tomatoes do best on warm light moderately rich soil, and success depends to a great extent on securing rapid and uncheckered growth in the early part of the season. For early crop, sow seed in hot-bed in January, transplanting to cold frame when plants have at least four leaves, in order to strengthen the body of the plant, and transplanting later to open ground, after all danger of frost is over, in rows 3 to 4 feet apart, and 3 feet apart in the rows. For later crop sow seed any time up to middle of June. Spray regularly, to prevent blight. For the private garden, trellising the vines will prevent rotting, due to the fruit lying on the ground.

One ounce will produce about 3000 plants.

**Nearly all of our tomato seed is grown in New Jersey, especially for seed, and can be depended on to be the best of its class. We do not handle seed saved by canning factories which can be bought for one-third of what ours costs to produce.**

**Acme.**—A popular early, purple-fruited sort of medium size.  
Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 5 lbs., \$16.75.

**Beauty (Livingston's).**—A second-early, large, smooth, purple-fruited variety of good quality.  
Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 5 lbs., \$16.75.

**Bonny Best (Stokes).**—An early variety maturing a little later than Earliana. Fruit medium size, color bright scarlet, exceedingly smooth, handsome shape, ripens evenly close up to the stem. An excellent sort for growing under glass. It is very prolific and we recommend it as a first-class sort.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 5 lbs., \$14.25.

**Chalk's Early Jewel.**—For a crop to come in between Earliana and Stone there is none to compare with this if you get the original stock. The fruit is of a bright scarlet color, ripening close to the stem, is smooth, and very solid. They hold up in size longer than most sorts, and for that fact alone it is a very valuable sort. Our seed is grown from the originator's stock, carefully selected, and can be depended on to give the best of satisfaction.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 5 lbs., \$14.25.

**Comet.**—A medium-sized, round red sort, very smooth and highly colored. Used almost exclusively for forcing. Specially selected.  
Pkt., 15c.; oz., \$1.00;  $\frac{1}{4}$  lb., \$3.00.

**Delaware Beauty.**—A showy medium sized red variety. One week later than Chalk's Jewel and two weeks earlier than Stone. Fruits smooth almost globular in shape and ripens clear up to the stem. An excellent mid-season variety for both Market Gardeners and Canners.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 5 lbs., \$14.25.

**Duke of York.**—One of the best late, purple-fruited varieties. Fruit large, very solid, smooth, ripening close to the stem. It is claimed by some to be blight-proof, but we know of no tomato that will not blight under very unfavorable conditions. It is grown extensively throughout Florida to ship North and is claimed by some of the growers there to be the best for this purpose. Our stock is true and can be depended upon.

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 5 lbs., \$16.75.

**Dwarf Champion.**—An early purple-fruited variety, forming strong, erect, bushy plants. Fruit medium size, smooth and fairly solid. Grown extensively for plants, as it makes a handsome, sturdy bush.

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 5 lbs., \$16.75.

**Dwarf Stone.**—Vine dwarf, vigorous and productive. While maturing with the later sorts the bright red fruit is of good color, exceedingly smooth, very solid and the largest of any of the dwarf varieties.

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 5 lbs., \$16.75.

**Early Detroit.**—An early, medium-sized, smooth, purple-fruited variety, maturing with Acme, but fruit larger, more solid, more globular in shape and superior in every way.  
Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 5 lbs., \$16.75.

**Earliana (Langdon's).**—We find this strain to be larger, thicker through, more meaty and of a deeper red color than other strains of Earliana. It is equally early, exceedingly productive and holds its size well throughout the season. The seed we offer was grown in New Jersey by one of our private growers. See Illustration on page 41.

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 5 lbs., \$16.75.

**Earliana (Sparks').**—One of the best and most popular extra early sorts. The fruit is good size, red in color, quite smooth and is produced in great profusion. The vine is quite dwarf, with little foliage. Our seed is grown from carefully selected stock and can be depended on to give excellent results.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 5 lbs., \$14.25.

**Early Royal Pink.**—A decided improvement over Acme in size, yield and solidity. The vine is more vigorous and the fruit more globular in shape. This is unquestionably the best early large purple fruited sort.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00; 5 lbs., \$19.25.

**Extra Early Mascot.**—Illustrated and described on page 39.

**Enormous.**—Large, late, red, very meaty and almost seedless.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$5.00.

**Florida Special.**—A recent introduction, which is claimed to be blight resistant. It resembles Chalk's Early Jewel in size and shape, and matures about the same time or a trifle earlier. The color is bright red. It contains very few seeds and the flesh is firm which makes it an excellent shipper.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00.

**Gold Mine.**—One of the best second early or main-crop, purple-fruited sorts. Fruit large, solid, smooth and of a pink color. It is very prolific.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00; 5 lbs., \$19.25.

**Golden Queen.**—Fruit large and smooth. Color, a beautiful golden yellow, sometimes with a slight flush of red. It is as smooth and well shaped as the best of the red varieties and much sweeter, containing very little acid.

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

**Greater Baltimore.**—An excellent main-crop sort, producing large, solid, smooth fruit of a brilliant red color. It ripens evenly to the stem and is entirely free from ridges. Used extensively by canners.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 5 lbs., \$14.25.

**Gulf State Market.**—The best of the early, purple-fruited varieties. In season with Early Detroit, while fruit is larger, smoother, more globe-shaped; very solid, productive and free from cracking.

Pkt., 10c.; oz., 45c.;  $\frac{1}{4}$  lb., \$1.35; lb., \$5.00; 5 lbs., \$24.00.

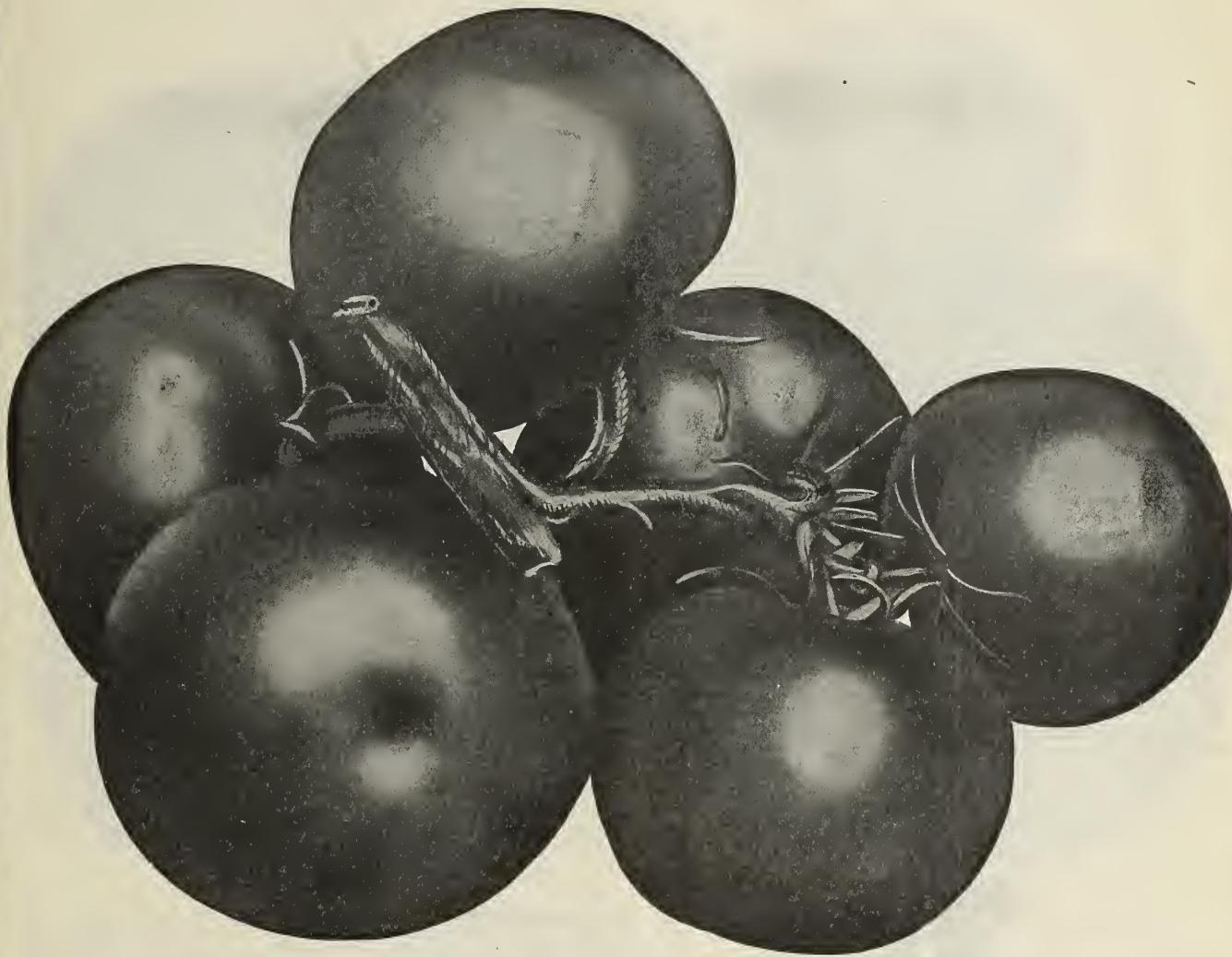
**I. X. L.**—An extra-early, medium-sized, red sort; very similar to Earliana.

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 5 lbs., \$16.75.

**John Baer.**—An early variety, maturing with Bonny Best, producing fruit equally as good as Chalk's Jewel. Color, bright scarlet; good size and smooth. The seed we offer was grown from the introducer's stock.

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 5 lbs., \$16.75.

## TOMATO—Continued



## TOMATO EXTRA EARLY MASCOT

**Exceedingly Prolific, Extremely Early, Smooth, Solid, Good Shape and Large Size for an extra early variety, are the features of this valuable acquisition.**

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00; 5 lbs., \$19.25.

**Extra Early Mascot.**—We pronounce this the best extra early we have seen. It is a cross between Earliana and King of the Earlians. Compared with Earliana, it is five days earlier, a heavy cropper, fruit fully as large, but thicker through from stem to blossom end, more solid and of a deeper red color. It ripens close up to the stem. In habit it resembles Earliana, being quite dwarf, with little foliage, but is more compact. It is the greatest yielder we have ever seen. We have counted fifteen marketable fruit on a single crown setting. We do not mean to say that half the patch will do this, but we can honestly say that we saw a great many plants with seven, eight and nine fruit on a crown setting. Being a small vined sort, it requires high cultivation to bring out all its many good qualities.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00; 5 lbs., \$19.25.

**June Pink, or Pink Earliana.**—Similar in all respects to Sparks' Earliana, except the fruit is purple instead of scarlet, and the bulk of the crop ripens a little later.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00.

**Livingston's Globe.**—A large purple-fruited variety of excellent quality. Fruit large, very smooth and matures earlier than most main-crop sorts. The average tomato is very deep, almost globe-shaped, and very solid. It is one of the leading varieties grown throughout Florida to ship North. Our stock of this important variety is of excellent quality. For illustration see cut page 40.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50; 5 lbs., \$19.25

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

**Livingston's Manifold.**—An early, perfectly smooth, red variety. The fruit is almost globe shape, very uniform in size and somewhat smaller than Bonny Best. It is one of the most prolific varieties that has come to our notice.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00; 5 lbs., \$18.75.

**Magnus.**—A recent introduction, producing purple fruit of the largest size; much smoother than most of the large-fruited sorts and matures earlier. Foliage of the potato-leaf type.

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

**Matchless.**—One of the best main-crop varieties. Fruit very large, smooth, exceedingly solid and of a good red color. It is quite prolific and matures a little later than Stone.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 5 lbs., \$14.25.

**Paragon.**—A well-known variety producing large red fruit, slightly elongated.

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 5 lbs., \$16.75.

## ANOTHER PLEASED CUSTOMER

Your Early Mascot was fully two weeks earlier than the Earliana with me. They are unsurpassed for an early Tomato.

Your sweet Peas were perfectly beautiful. They bloomed from June until fall. Such a mass of flowers I have never seen before.

Otto R. Buckley, Grafton, R. F. D. No. 1, Ohio.

## TOMATO—Continued



Simon's Best Second Early

**Ponderosa.**—A purple fruited tomato of large size. Vine vigorous. Fruit very solid, fairly smooth and considered very good quality, especially by those who prefer a tomato quite free from acid. This variety is more suitable for home use than for the market.

Pkt., 10c.; oz., 45c.;  $\frac{1}{4}$  lb., \$1.35; lb., \$5.00; 5 lbs., \$24.00.

**Red Rock (Landreth's).**—A large, late, red variety. Larger than Stone and very solid; almost solid meat.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 5 lbs., \$14.25.



Simon's Columbia.

**Royal Pink.**—We pronounce this the best main-crop purple-fruited sort. It matures with Stone. The fruit are very large, exceedingly solid, having but very few seeds; are smooth, ripen close up to the stem and are of a handsome color. It is a very heavy yielder. The vine is vigorous and seems to resist blight better than most purple-fruited sorts. It is the best long-distance shipper, as it will hold up longer than any sort we know of. Extra choice stock, grown in New Jersey.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00; 5 lbs., \$19.25.

**Simons Best Second Early.**—A new and valuable variety. Matures just after Earliana, very prolific, as smooth as an apple, larger than Bonny Best and of a bright scarlet color. Almost Globe shape, extremely solid, which makes it an excellent carrier.

Pkt., 10c.; oz., 50c.;  $\frac{1}{4}$  lb., \$1.60; lb., \$6.00.

**Simon's Columbia.**—We pronounce this the best main crop red sort. It is a little later than Stone, fully one-third larger, and just as smooth and solid. It is nearly solid flesh, having very few seeds, is of a good red color, ripens up to the stem, and a wonderful cropper. Anyone wanting a strictly large, fancy red tomato will get it by planting this variety.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00.

**Stone Improved.**—One of the heaviest and most solid fruited of the large tomatoes of good quality. Our stock is distinctly superior to most that is offered under this name, being larger, smoother, more uniform and better colored. Vine vigorous and productive. Fruit round, slightly flattened, very large and astonishingly heavy. The quality is unexcelled.

Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 5 lbs., \$14.25.

**Success.**—A bright scarlet, second-early variety, maturing about the same time as Chalk's Early Jewel. Fruit good size, smooth, solid and very prolific.

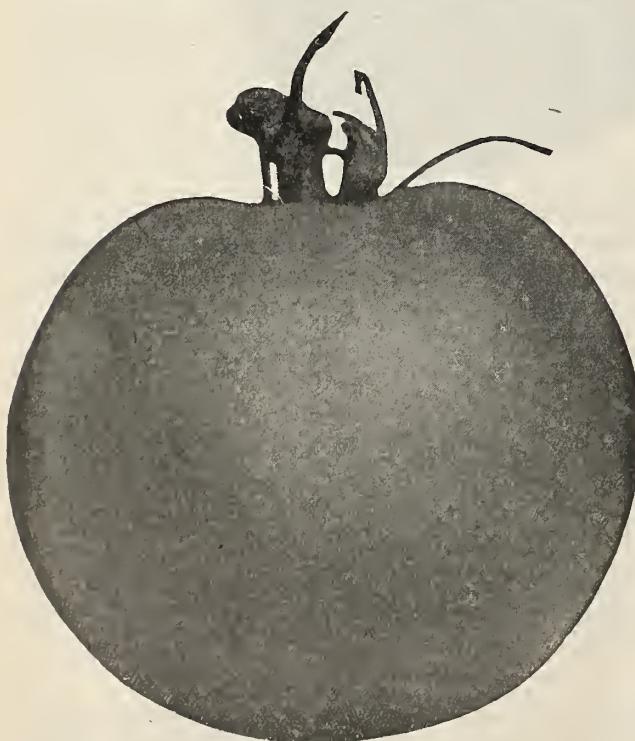
Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00; 5 lbs., \$14.25.

**Triumph.**—Matures one week earlier than Stone. Fruit equally as large, very prolific, solid and smooth. The color is bright red and it ripens evenly up to the stem which makes it desirable both for Market Gardeners and Canners. This variety is well known in South Jersey where it has been grown for the past 10 years both for main crop and canning, with excellent results.

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 5 lbs., \$16.75.

**Truckers' Favorite.**—A late variety, producing large, smooth, solid fruit of a purplish-red color. It is quite prolific and resists blight to a remarkable degree.

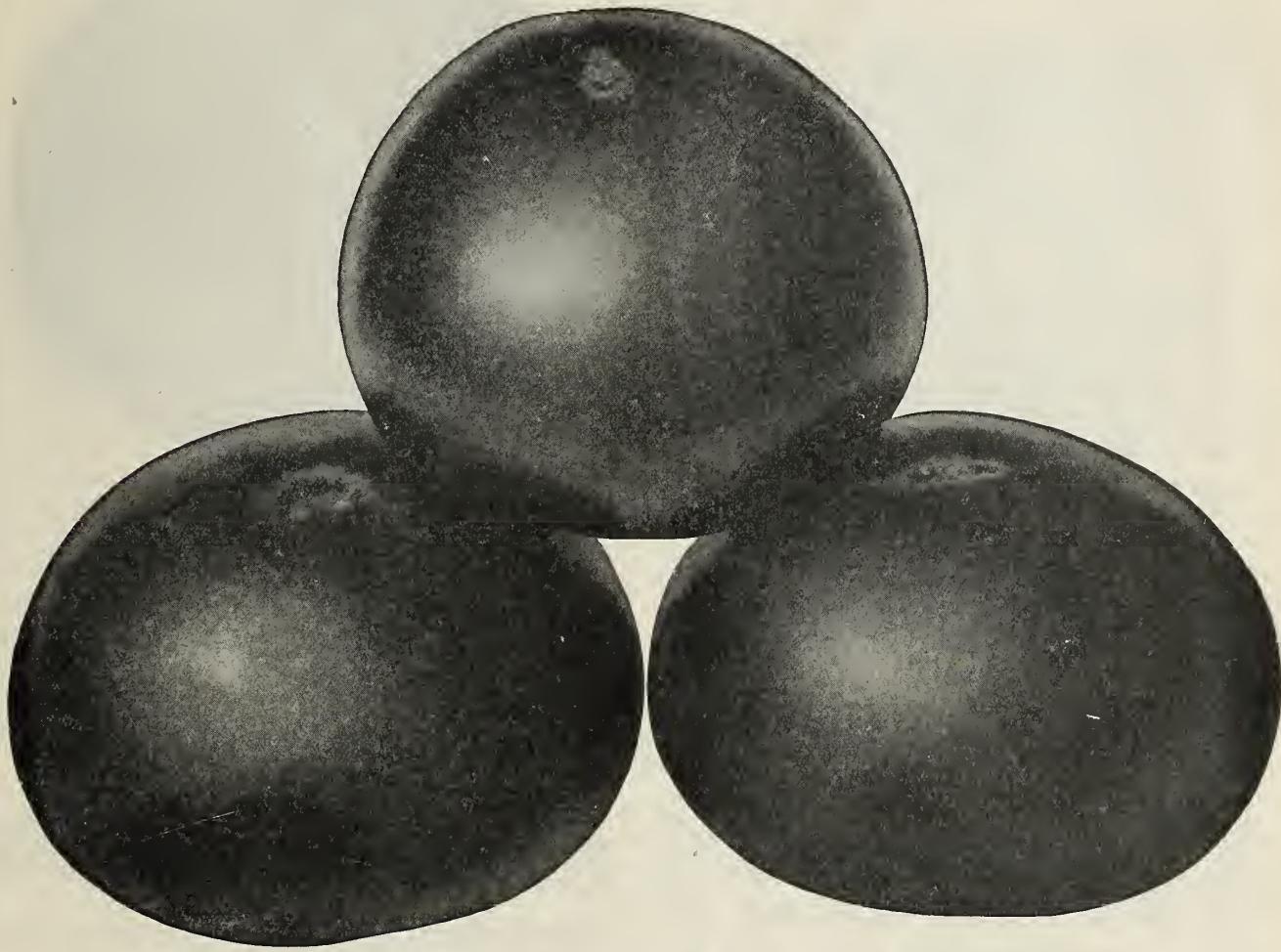
Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 5 lbs., \$16.75.



Livingston's Globe.

For description and price see page 39.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.

**TOMATO—Continued****LANGDON'S EARLIANA**

**The best strain of Earliana. It is larger, smoother, thicker through from stem to blossom end, more fleshy and of a deeper red color than any other strain of Earliana.**

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50; 5 lbs., \$16.75.

For Description see Page 38.

**Small Fruited Varieties for Pickles and Preserves**

**Peach.**—Fruit resembles a small peach in size and shape. The color is a light terra cotta red. Skin and flesh thick. Used principally for preserving and table decoration.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

**Purple Husk or Ground Cherry.**—Similar to the Yellow Husk, with the exception that the color of the fruit is purple, and about one-third larger.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

**Red Cherry.**—Fruit the size of a large cherry, perfectly round and smooth. Used for preserving.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

**Red Pear.**—Fruit bright red; distinctly pear-shaped. Used for preserving.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

**Yellow Cherry.**—This variety differs from Red Cherry in color only.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

**Yellow Husk or Ground Cherry.**—Used for preserving and eating raw. The seed we offer is that of the true Yellow Ground Cherry. Excellent for making pies.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

**Yellow Pear.**—Same as Yellow Plum, except that it is the shape of a pear and a trifle smaller.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

**Yellow Plum.**—Fruit Plum-shaped, of a clear, deep yellow color; flesh yellow and of fine flavor.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.50.

## TURNIP

German, **Weisse Rueben**

French, **Navet**

Spanish, **Nabo**

**Cultural Directions.**—Spring sowings should be made as early as possible so that the turnips may make their size before hot weather; otherwise they will become tough and bitter. For spring sowings there is nothing equal to the Milans, the Purple Top Globes, Purple Top Strap Leaf, Early Snowball and White Egg. For the regular crop, sow the early kinds in July and August, the later sorts during August and the salad varieties during August or September. Sow either broadcast or in drills two feet apart, and when well up, thin out to prevent overcrowding. Rutabagas should be sown in July or early in August and earthed up as they grow.

One ounce sows 100 feet of drill;  $1\frac{1}{2}$  lbs. sows one acre in drills; 2 lbs. one acre broadcast; sow salad varieties 3 lbs. per acre.

**Aberdeen (Green Top).**—Very similar to purple Top Aberdeen, except that it has a green crown instead of purple.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 10 lbs., \$6.00.

**Aberdeen (Purple Top Yellow).**—A medium-sized, round, late-maturing, yellow turnip. Roots yellow, with purple crown; flesh pale yellow. It is very hardy, an excellent keeper and is invaluable for stock feeding.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 10 lbs., \$6.00.

**Amber Globe (Large).**—Grows to a large size, skin yellow, with green crown. Flesh yellow.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 10 lbs., \$6.00.

**Cow Horn or Long White.**—Clear white, except a little shade of green at the top; long, slightly crooked and growing nearly half out of the ground; delicate and well flavored, of very rapid growth, it has obtained considerable favor as a market sort for fall and early winter use. Also grown for stock.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 10 lbs., \$6.00.

**Golden Ball, or Orange Jelly.**—One of most delicate and sweet yellow-fleshed turnips yet introduced. Not of large size, but firm, hard and most excellent flavor. Keeps well and is a fine table variety. Skin deeper yellow than most of this class.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 10 lbs., \$6.00.

**Green Top Golden Gem.**—One of the best yellow-fleshed varieties, either for market or stock. The skin is yellow with a green crown. Flesh yellow, fine grained and sweet. Grows to a large size and is somewhat more flattened than purple Top Globe. It is hardy and a good keeper.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Milan (Extra-Early Purple Top).**—Similar to White Milan, except roots are a little flatter and purple-red on upper portion. All in all, the Milan turnips leave nothing more to be desired in the way of an extra early garden turnip.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Milan (Extra-Early White).**—Remarkably early; top very small, upright and compact, so that rows can be planted close together. Roots clear white, very smooth, flat and symmetrical; flesh white, sweet and tender. The best sort for growing under sash.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25; 10 lbs., \$11.50.

**Pomeranian White Globe.**—One of the most productive kinds, and in good rich soil roots will frequently grow to twelve pounds in weight. It is globe-shaped, skin white and smooth. Used for stock feeding; also excellent for table use.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 10 lbs., \$6.00.

**Purple Top Flat Strap Leaf.**—An early flat sort; crown purplish-red, white below, flesh white. Will make a crop sown among corn. Used principally for stock.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 10 lbs., \$6.00.

**Seven Top.**—Cultivated extensively in the South for tops, which are used for greens. It is very hardy and will grow all winter, but does not produce a good root and is only recommended for the tops.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

**Southern Prize.**—Similar to Seven Top, but the tops are more abundant, while the roots are of considerable size, more symmetrical, in shape and better in quality; also used for feeding. A favorite forage plant in the Virginias and Carolinas, where it grows during winter without protection.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 10 lbs., \$5.50.

We sell  $\frac{1}{2}$  pounds at pound rate, 5 pounds at ten-pound rate, 25 pounds or over at hundred-pound rate.  
Prices Subject to Change Without Notice.



Perfection Purple Top White Globe.

**Perfection Purple Top White Globe.**—A large globular variety very even in shape and of handsome appearance. The crown is purplish-red and the remaining portion clear white. The flesh is white, of excellent quality and desirable for table or stock. This variety is a good keeper and a fine market sort.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 10 lbs., \$6.00.

**Snowball (Early).**—A quick-growing, ball-shaped, pure white variety, with short top and free from bitter taste.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 10 lbs., \$6.00.

**White Egg.**—A quick-growing, egg-shaped, smooth, pure white variety with small top and rough leaves. The root grows half out of the ground. Flesh very sweet, firm and mild.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 10 lbs., \$6.00.

**Yellow Globe.**—A round, smooth, medium sized, light yellow turnip, with crisp, firm flesh of fine quality; a very attractive and beautiful sort.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 10 lbs., \$6.00.

## RUTABAGA

### Swedish or Russian Turnips

**American Purple Top.**—A hardy productive variety; roots are large globular in form, with a very small tap root; color bright yellow with a purple top; flesh very solid, tender and sweet.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 10 lbs., \$6.00.

**Long Island Improved.**—Grows to a large size, top-shaped, purple top, yellow below; flesh yellow. Excellent sort for stock feeding or table use where a large Rutabaga is wanted.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Perfection Purple Top Globe.**—Grows the same shape and size as Purple Top Globe Turnip. Color of skin yellow, with purple crown. Flesh deep yellow, fine grained and of excellent quality. It is an excellent keeper. The top is much shorter than most Rutabagas; it has absolutely no neck and is a rapid grower. Can be planted as late as August 15th in the vicinity of Philadelphia. By far the best sort for market.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

**Perfection White.**—Absolutely neckless. Top strap leaf, flesh white and unusually fine grained. Grows to a large size. Excellent sort for either stock feeding or table use.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 10 lbs., \$7.00.

# SWEET, MEDICINAL and POT HERBS

**Cultural Directions.**—For early use sow seed in hotbed in March or open ground in May, in rows one foot apart. Cover very lightly and thin out when large enough to six or eight inches in row. They should be cut on a dry day, before they come into full blossom. Tie in bunches and keep where they will dry quickly.

**Basil Sweet.**—Seeds sown in April, indoors, in rich, light soil, and in beds in June.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Borage.**—Used for flavoring and flowers furnish bee pasture.

Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Caraway.**—Grown for the seeds, which are used for flavoring.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Coriander.**—Young leaves used in soups and salads. Seeds in confectionery and for flavoring.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Dill.**—Leaves used for flavoring.

Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Fennel Florence.**—An annual, height 2 feet, fine feathery foliage. Base of plant used raw as salad or boiled.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

**Horehound.**—The leaves and tops are popular as a medicine for subduing irritating cough.

Pkt., 5c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00.

**Lavender.**—Flower spikes are dried for their peculiar lasting fragrance.

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

**Marjoram, Sweet.**—Hardy perennial, cultivated for use of its leaves for flavoring.

Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

**Rosemary.**—Foliage used for medicinal purposes.

Pkt., 10c.; oz., 45c.;  $\frac{1}{4}$  lb., \$1.35; lb., \$5.00.

**Saffron.**—Hardy annual. Used for flavoring and coloring.

Pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Sage.**—Used for seasoning.

Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00.

**Summer Savory.**—Hardy annual. Aromatic tops are used for culinary purposes.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50.

**Thyme.**—Broad-leaved English (Perennial). Leaves and tops are used for culinary purposes.

Pkt., 10c.; oz., 50c.;  $\frac{1}{4}$  lb., \$1.60; lb., \$6.00.

**Wormwood.**—(Perennial) used medicinally.

Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50.

INOCULATE THIS  
SEED WITH  
MULFORD CULTURE

**CLOVER  
SEED**

INOCULATE THIS  
SEED WITH  
FARMOGERM

Postage Extra—See inside front cover.

**All Very Highest Quality**

**Clover and Grass seeds fluctuate greatly in value in the selling season. We sell at market values. Best to write for prices before ordering.**

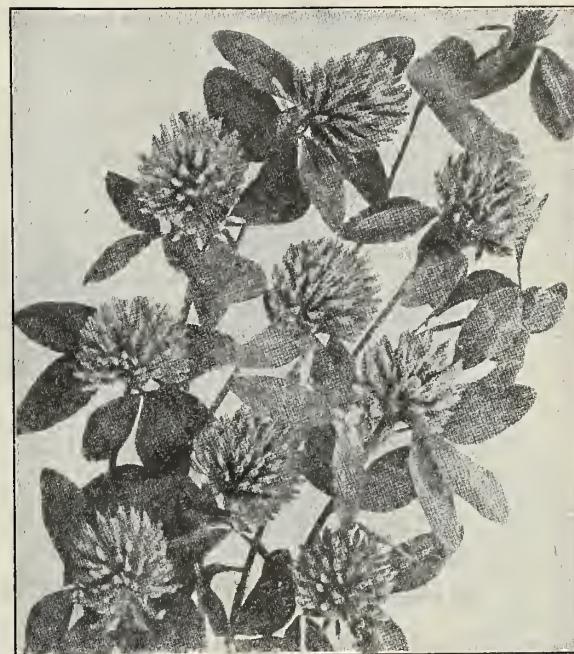
**Alfalfa or Lucerne.**—Makes the most valuable and largest yielding hay crop known. Can get four or five cuttings a year. For some time it was thought not adaptable to our section, but inoculation methods have disproved this. Loose or loamy soils or soils with gravelly or sandy subsoils, or deep limestone are the most suitable for alfalfa. Be sure to properly prepare your land, liming it if ground is sour and inoculate the seed before sowing. While the early fall is the best time for sowing seed, it can be sown in the spring, in March or April, and a satisfactory stand will make one or two cuttings the same year, and full cuttings the following year. It should always be cut before coming into full bloom, and handled as little as possible thereafter. A firm seed bed is of the first importance, then sow good seed 20-30 lbs. per acre, generally broadcast. A slight top dressing of well-rotted stable manure is advisable. With this, and ordinary care, an Alfalfa field will last 15-20 years. Some planters sow a light seeding of Alfalfa with clovers and other grasses, thus both determining if the land is adapted for Alfalfa, and also thus inoculating the land for it afterwards, in case it does prove adaptable.

Lb., 35c.; 10 lbs., \$3.00; bu. (60 lbs.), \$15.60; 100 lbs., \$26.00

**Alsiike or Swedish Clover.**—This is somewhat similar in growth and appearance to Red Clover, but it is harder and stands cold weather better. Where conditions of soil and lateness of seeding make any possibility of winter-killing, it is advisable to sow Alsiike Clover. It does well on stiff or clay soils. It is a perennial and possesses long, fibrous roots, taking a deep hold on the soil. Sow in the spring or fall at the rate of 12 lbs. per acre.

Per bushel (60 lbs.), \$14.40; lb., 35c.; 10 lbs., \$2.90; 100 lbs., \$24.00

**Crimson or Scarlet Clover.**—An annual of French origin, makes a growth from 20 to 30 inches high, has a bright crimson blossom from 1 1/2 to 3 inches long, and when in full bloom, with its luxuriant growth of green foliage and its crimson bloom, is a thing of beauty. It is a winter crop, and should be sown in July, August or September



*Red Clover.*

of each year. As a manurial crop its worth in fertilizer value is hard to compute, being equal to one to three tons of commercial fertilizer. Sow 15 pounds to the acre. Per bushel (60 lbs.), \$12.00; lb., 30c.; 10 lbs., \$2.50; 100 lbs., \$20.00.

**Red, Medium or Common.**—This is the most important of all varieties of Clover for practical farm purposes; makes excellent pasture, and fine hay crops when sown with Timothy, Orchard and other grasses, as the latter ripen about the same time. It is one of the best fodders for milch cows or sheep, and improves the land by adding humus to the soil. It is a perennial, growing to a height of 1 1/2 to 2 feet, yields crops several years from one seeding, and, on good land, yields two to three cuttings annually. It should be cut for hay when in full bloom. Sown by itself, sow from July 1st to September 5th or in spring (February 1st to April 15th) at the rate of twelve to fifteen pounds per acre, according to nature of the soil. Per bushel (60 lbs.), \$17.40; lb., 40c.; 10 lbs., \$3.40; 100 lbs., \$29.00.

**Red Mammoth or Pea Vine.**—Mammoth or Sapling Clover, sometimes called Pea Vine Clover, is a variety of the common Red Clover, maturing about ten days later. The larger size of Mammoth Clover plants makes it of slightly greater value than Red Clover as a soil improver; as hay it is somewhat coarser. Sow in the same manner as Red Clover. Per bushel (60 lbs.), \$18.00; lb., 40c.; 10 lbs., \$3.50; 100 lbs., \$30.00.

**White Blossom Sweet Clover, or Bokhara.**—Is a hardy biennial plant of an erect and branching habit. It starts up early in the spring and in its second year it reaches a height of from 5 to 12 feet, blooms, matures its seed and dies. However, there is usually enough seed scattered to reseed, and the crop is continuous unless cut before seed ripens. When young it resembles Alfalfa. Sweet Clover has a peculiar bitter taste. The flowers and leaves possess an odor like vanilla. It is an excellent bee food. Grows well in all climates and soils, whether gravel, clay or sand. Stands dry weather equally well as Alfalfa, yet will grow in wet places. It is a deep-rooting legume, storing up Nitrogen like Cow Peas, thus possessing great fertilizing properties. Two crops can be cut in a season. It is a good silo feed. Sow in fall or spring, 25 lbs. per acre. Per bushel, (60 lbs.), \$7.20; lb., 25; 10 lbs., \$1.70; 100 lbs., \$12.00.

**White Dutch Clover.**—A small, low growing variety, with creeping stems; mixed with Blue Grass, Perennial Rye Grass, or Timothy, it makes a permanent pasture of great value. It is very largely used in lawn and pasture mixtures, and is indigenous to the soils throughout this section. It makes a small, close, compact, growth covering the ground like a carpet. Succeeds and does well throughout the North. Its blossoms are round, white, tinged with red, and sweet scented; stems fine and palatable, with numerous leaves of bright green color. Sow either in the spring or fall. When sown by itself, sow at the rate of ten pounds per acre. It is better, however, sown in mixture with other grasses. Per bushel (60 lbs.), \$42.00; lb., 85c.; 10 lbs., \$7.50; 100 lbs., \$70.00.

SIMON'S  
PERFECTION

## LAWN GRASS SEEDS

RECLEANED  
HIGHEST GERMINATION

For Lawns, Parks, Tennis Courts and Golf Links.

Postage extra. See inside front cover.

1 qt. weighs 1 lb., packed; 4 qts. weigh 3 lbs., packed; 1 pk. weighs 6 lbs., packed; 1 bu. weighs 21 lbs., packed.



## SIMON'S PERFECTION LAWN GRASS SEED

1 pt., 20c.; 1 qt., 30c.; 4 qts., \$1.00; pk., \$1.75; bu. (20 lbs.), \$6.50; 100 lbs., \$30.00.

**Simon's Perfection Lawn Grass** represents what the name implies, a "Perfect Lawn." It is made up of an intelligently arranged combination of eleven fine-leaved dwarf grasses, which are at their best during different months of the year, thus insuring that carpet of deep velvety green so much desired by lovers of good lawns, and is as fine in quality as years of experience and careful selection of seeds can make it, being free from chaff and other foreign matter.

1 pt., 20c.; 1 qt., 30c.; 4 qts., \$1.00; pk., \$1.75; bus., (20 lbs.), \$6.50; 100 lbs., \$30.00.

## QUALITY OF SEED

Good seed is of greatest importance, and next is the preparation of the soil, for upon this depends the life of the lawn. One of the first conditions for a perfect lawn is, that the land be perfectly drained either naturally or artificially. Five inches of good soil should overlay the sub-soil and where trees are planted there should be at least twice that depth of good soil. Plow until it is completely pulverized, rake until thoroughly fined down; all stones, roots, etc., should be removed so that a smooth surface may be obtained. After seed is sown the ground should be tamped with the back of a spade or rolled.

## FERTILIZERS

The question of fertilizer is an important one. After plowing, use well-rotted stable manure, spread thickly enough to cover the ground, then harrow or rake it in. Though a little more costly the best plan, to insure permanency for the lawn, is to use 1500 to 2000 pounds per acre of coarse ground bone, as it decomposes slowly, giving lasting enrichment. For small areas use 10 pounds to 300 square feet.

## SEED SOWN ON A GIVEN AREA

One quart is sufficient for a space, 15 by 15 feet, or five bushels per acre, for new lawns, or half that quantity for renovating old lawns. In the latitude of Philadelphia, seed may be sown any time from April to June, also during the early fall months (September being the best).

**Fairmount Park Lawn Seed.**—A good mixture of grasses that is less expensive than our Perfection mixture.

1 pt., 15c.; 1 qt., 25c.; 4 qts., 75c.; pk., \$1.50; bus., (20 lbs.), \$5.50; 100 lbs., \$25.00.

**Shady Nook Lawn Grass Seed.**—On many lawns are bare spots under shade trees. Such spots are frequently sour, perhaps covered with a green scum or moss. In such cases apply hydrated lime, which is powdered fine, at the rate of one bushel per thousand square feet, removing all moss or scum first and then loosening the soil in same manner as already prescribed for regular lawn making. Our mixture of grass seed for shaded spots is one best adapted to the requirements of much shaded lawns and will grow perfectly where an ordinary grass mixture would fail. Sowing instructions same as for Perfection Lawn Grass Seed.

Pt., 30c.; Qt., 50c.; 4 qts., \$1.50; pk., \$2.75; bus. (20 lbs.), \$10.00; 100 lbs., \$48.00.

Our Lawn Grass Seeds are too well known to require any further description, except to say that many of the finest lawns and parks of this city and nearby towns were seeded down with our Perfection Lawn Grass Seed.

## Other Grass Seeds

**Kentucky Blue.**—Also called "June Grass;" an early grass of much value; will do well in any ordinary soil; stands the heat of summer remarkably well. For pastures and lawns it has no superior, giving that peculiar rich shade of bluish-green so much admired in the best lawns; also making a very close, velvety turf. It is usually sown mixed with other fine grasses; when used alone, 40 to 50 lbs., per acre. Blossoms in June, can be sown by itself either in spring or fall.

Lb., 60c.; 10 lbs., \$5.00; bus., (14 lbs.), \$7.00; 100 lbs., \$45.00.

**Golf Links Grass Mixture.**—This mixture of grass seed is giving the best of satisfaction, being composed in proper proportions of the hardy and dense growing kinds best adapted for the purpose. Stands heat and drought well, and being deep-rooted will withstand wear and tear.

Pt., 35c.; qt., 65c.; 4 qts., \$2.25; Pk., \$4.00; bus., (25 lbs.), \$15.00; 100 lbs., \$55.00.

# GRASS SEED—Continued

Postage extra. See inside front cover.

**Creeping Bent.**—One of the most valuable lawn grasses because of its short growth and deep green, fine-leaved foliage. Its stoloniferous roots form a strong, close entanglement of turf, which is not injured by being frequently walked on. Sow 2 bushels to the acre. Lb., \$2.00; 10 lbs., \$19.00; bus., (20 lbs.), \$36.00.

**Creeping or Red Fescue (Festuca Rubra).**—Resists extreme drought, thrives on inferior soils, gravelly banks and exposed hills. 25 lbs. per acre. Lb., 90c.; 10 lbs., \$8.00; per bus. (14 lbs.), \$11.20.

**Crested Dogstail.**—A valuable addition for lawn grasses which require close cutting and an ability to resist tramping, as in golf links, etc. 21 lbs. to the legal bushel; 1 to 2 bushels to the acre. Lb., 70c.; 10 lbs., \$6.50; 100 lbs., \$60.00; bus. (21 lbs.), \$13.00.

**English Perennial Rye Grass.**—A desirable grass for pasture. It forms a heavy close sod and grows up quickly after being pastured or cut off. Lb., 25c.; 10 lbs., \$2.00; bus. (24 lbs.), \$4.50; 100 lbs., \$18.00.

**Hard Fescue (Festuca durinscula).**—An excellent pasture of lawn grass, succeeding well in dry or shady locations. About 12 lbs. to the bushel; 2½ bushels to the acre. Lb., 75c.; bus. (12 lbs.), \$8.40; 100 lbs., \$60.00.

**Italian Rye.**—This is distinct from English Rye, the preceding being of much larger and stronger growth, with large broad glossy-green blades. It succeeds best in moist, fertile soils. About 20 lbs. to the bushel; 3 bushels to the acre. Lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$17.00; bus., (20 lbs.), \$3.50.

**Orchard Grass.**—This grass stands the drought, and grows well in the shade, does well in wet or poor ground; produces large crops of hay and affords excellent pasture for stock, 14 pounds to the bushel. Sow 20 to 25 pounds per acre. Bu., (14 lbs.), \$3.50; lb., 30c.; 10 lbs., \$2.50; 100 lbs., \$19.00.

**Permanent Pasture Mixture.**—To get a really good pasture that will last for many years it is necessary to sow grasses that will form a close heavy turf and such as are not injured by close cropping and tramping of the animals. There are many grasses of this kind. Some start early in the spring and others continue growing late in the fall, so a considerable number of different kinds should be used. With this thought in view we have made a mixture best suited to make a permanent growth calculated to give a crop of hay if so desired or a good pasture. Sow 2½ to 3 bushels per acre. Lb., 35c.; 10 lbs., \$3.00; 100 lbs., \$25.00; bus. (20 lbs.), \$5.50.

**Red Top or Herd Grass.**—A permanent and very hardy native perennial grass, succeeding best on moist land, making a good pasture when fed close; is valuable for low, wet meadows, producing large crops of good hay. It accommodates itself to a variety of soils, however, even to quite dry situations, and stands our hot climate admirably. It is, perhaps, the most permanent grass we have. It remains green for the greater part of the year; sown with Timothy and Red Clover, its stems form a very close matted turf, not affected by tramping and of fair quality when not allowed to go to seed. Sow 1½ to 2 bushels per acre.

**Fancy Cleaned Red Top or Herd.**—32 lbs. per bushel. Lb., 40c.; 10 lbs., \$3.50; 100 lbs., \$30.00; bus., \$9.60.

**Red Top or Herd, Unhulled.**—14 lbs. per bus., \$3.00; lb., 30c.; 10 lbs., \$2.25; 100 lbs., \$20.00.

**Sudan Grass.**—A wonderful, drought-resisting grass for the South and Southwest, becoming popular in all sections. It much resembles the Johnson Grass. It is not a perennial and does not spread from the roots and become a pest. Sudan is an annual grass and must be resown every year. The plants under favorable weather conditions grow to a height of 6 to 10 feet but when broadcasted thickly it grows only 3 to 5 feet high. It frequently produces 20 or more stalks to a plant. The stems are unbranched, seldom larger than a lead pencil and are covered with an abundance of leaves. Is easily cured, making hay of excellent quality, which is readily eaten by all kinds of stock without injury to them. If sown by June 1st three crops of hay can be cut before frost. This grass may be grown in rows 30 inches apart, to permit easy cultivation, using 3 to 5 pounds of seed per acre, or it can be sown by drilling or broadcasting, using 15 to 20 pounds of seed per acre. Lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$15.00.

**Sweet Vernal, True Perennial.**—Valuable on account of its early growth; it is very fragrant and imparts an exceedingly pleasant odor when mixed with the other grasses and used for hay. Used in making mixtures with other grasses. Lb., \$1.25; 10 lbs. or over, \$1.15 per lb.

**Timothy.**—This crop is cut for hay; probably surpasses any other grass in cultivation; it thrives best on moist, loamy soils, and is not well suited to light, sandy or gravelly soils, it should be cut just when the blossom falls. Sow either in spring or fall, at the rate of 12 lbs. per acre, if alone, but less if mixed with other grasses.

Bus. (45 lbs.), \$5.00; lb., 25c.; 10 lbs., \$1.50; 100 lbs., \$11.00.

**Wood Meadow Grass.**—Grows from one and one-half to two feet high; has a perennial creeping root and an erect, slender, smooth stem. Well adapted to shaded situations, such as orchards and parks. Sow about thirty pounds per acre.

Bus., \$1.35; bus., (15 lbs.), \$18.75.

## MILLETS



### WHITE WONDER MILLET

**White Wonder Millet** has been raised in Western Kansas for several years, and it is just as hardy and vigorous as other millets.

The yield is extremely heavy, being fully half again as heavy as that of German Millet.

Another very desirable feature is its earliness. This variety is much earlier than German Millet, but not quite as early as the Siberian variety.

The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder, which cures very readily.

1 lb., 20c.; 10 lbs., \$1.25; 100 lbs., \$10.00.

#### East India, or Pearl Millet (Pennisetaria).

This makes a most nutritious and valuable continuous cutting forage plant, and is increasing in popularity throughout the country. It will grow 10 to 12 feet high, but cutting can be commenced when it has attained the height of 3 to 4 feet, when it will stool out enormously and make a rapid growth, and it can be cut this way three or four times in a season. It is largely used by dairymen and others who have cattle, for furnishing them green food through the summer. If a sufficient quantity is sown, it can be cut as desired, furnishing a daily supply of green feed until killed by freezing weather. It can be fed either green or cured as dry forage, making a most nutritious feed, which is relished by all kinds of stock.

Sow 20 to 30 lbs. per acre broadcast or 5 to 6 lbs. per acre in drills, 3 feet apart and cultivate lightly occasionally. Being a foreign millet from a warm country do not sow before May.

Bus., 25c.; 10 lbs., \$2.00; 100 lbs., \$15.00.

**Golden or German Millet.**—This is the favorite variety for planting in good land to produce a large crop of hay or forage during the summer months; of very strong growth. 50 lbs. to the bushel; 1 bushel to the acre. Tennessee grown. Lb., 15c.; 10 lbs., 85c.; 100 lbs., \$5.50; bus., (50 lbs.), \$2.75.

**Hungarian Millet.**—An annual forage plant, early and productive, growing 2 to 3 feet high, with an abundance of foliage, often yielding 2 to 3 tons per acre. Sow 1 bus. to the acre.

Bus. (48 lbs.), \$2.88; lb., 15c.; 10 lbs., 90c.; 100 lbs., \$6.00.

**Japanese Barnyard Millet.**—Enormously productive, yielding from four to six tons of cured forage per acre on rich soils. Six to eight feet in height. Sow in May. Broadcast, ten to fifteen pounds per acre, or in drills, eight pounds per acre.

Bus., 15c.; 10 lbs., \$1.00; 100 lbs., \$6.00; bus. (32 lbs.), \$2.00.

# MISCELLANEOUS FARM SEEDS—Continued

Postage extra. See inside front cover.

## Barley—Six-Rowed

Finest sort for growing in Pennsylvania or New Jersey. Makes a good stiff straw, standing up well. Is the earliest variety, making a quick growing crop of excellent and nutritious green fodder, and is growing in popularity wherever used. It will also make a good grain crop, although its principal value is an early nutritious forage crop to feed green or to cure as hay. If for the latter it should be cut when in the milky state. Sow 2½ bushels per acre as early as ground can be worked.

Per bu. (48 lbs.), \$2.25; lb., 10c.; 10 lbs., 70c.; 100 lbs., \$4.50.

## Buckwheat—Japanese

Makes the finest buckwheat flour. The seed is grown from the largest type imported from Japan, and is much larger in grain than that usually offered. It ripens fully a week earlier than Silver Hull, straw is heavier and yield double. It branches more and does not need to be sown as thickly as other varieties. For bees it is of the greatest value and for this purpose has displaced all others. Sow 1 bushel per acre in June or July.

Per bu. (48 lbs.), \$2.75; lb., 15c.; 10 lbs., 85c.; 100 lbs., \$5.50.

## Selected Seed Oats

**Montana White.**—Grain plump and heavy, with close husk. In cool location and on good soil grows five feet tall with strong straw which enables it to withstand unfavorable weather conditions. Heads average 10 to 12 inches in length. Sow 2 to 3 bushels per acre.

Per bu. (32 lbs.), \$1.30; lb., 10c.; 10 lbs., 60c.; 100 lbs., \$4.00.

**Swedish Select.**—Scientific breeders of seeds in Sweden have devoted themselves to the improvement of Oats. Probably Swedish Select is the best all-around oat among them. It thrives well on all soils, is a strong grower and a great drought resister. The grain is short, plump and heavy. This variety is strongly recommended by the United States Department of Agriculture.

Per bu. (32 lbs.), \$1.60; lb., 10c.; 10 lbs., 85c.; 100 lbs., \$5.00.

## Speltz or Emmer

This grain is of comparatively recent introduction in this country. It is claimed by some to be the primitive wheat, the kind grown by the Ancients. It resembles rye in habit of growth, is early, will stand drought, yields well, makes a fine pasture or hay. The grain resembles wheat, but has a husk like barley. Sow in spring broadcast or in drills 1½ to 2 bushels per acre.

Per bu., (40 lbs.), \$2.40; lb., 12c.; 10 lbs., 85c.; 100 lbs., \$6.00.

## Sorghum or Cane—Early Amber

Furnishes a large yield of most nutritious forage, which can be fed either green or cured; and will yield two or three cuttings a year, stooling out thicker each time it is cut. The saccharine matter is of the finest quality, and it also produces a fine sugar or syrup. It grows ten to twelve feet high. This is the favorite sort in Northern and many Western States. Sow at the rate of one peck per acre in drills 3½ to 4 feet apart.

Per bu. (50 lbs.), \$3.50; lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$7.00.

## Sunflower—Mammoth Russian

Usually a very profitable field crop, the seed being used for bird and poultry feed. Plant and cultivate same as corn.

Price, 1 oz., 5c.; lb., 30c.; 10 lbs., \$2.25; 100 lbs., \$20.00

## Spring Rye

Although this grain is often planted, especially for papermakers, who prefer it to any other, its principal value is as a "catch" crop

to sow where winter grain has failed. The straw is shorter and stiffer than that of the winter variety and is more easily harvested. The grain, although smaller, is of equal value.

Per bu. (56 lbs.), \$4.00; lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$7.00.

## Winter Rye

**Rosen.**—This new Russian rye is said to be the best variety now grown. The grain is large, plump and of light color. Straw is strong, very long and stands up well. The heads are long, well filled and an unusually heavy yielder. The Rosen is a distinct improvement over common rye and should be more largely grown.

Sow 1½ bushels per acre.

Per bu. (56 lbs.), \$2.80; lb., 10c.; 10 lbs., 75c.; 100 lbs., \$5.00.

**Wisconsin Pedigree.**—This improved variety was originated at the Wisconsin Experiment Station by selecting individual plants of the Pitkus Rye that produced the largest heads, best grain and largest straw. By keeping this selection up for 10 years or more a very fine "Pedigree" strain was obtained. It has uniformly long heads, large, light-colored grain, and tall, stiff straw. In many trials it has yielded from 8 to 12 bushels more per acre than common rye in the same field. Sow 1½ bushels per acre.

Per bu. (56 lbs.), \$2.80; lb., 10c.; 10 lbs., 75c.; 100 lbs., \$5.00.

## Spring Wheat—Marquis

This famous variety is of Canadian origin. It attracted great attention at the New York Grain Exposition in 1911 when it was awarded the \$1000 prize given by Sir Thomas Shaughnessy for the best wheat in America. It is extremely early and productive. A five year average at the Brandon Experiment Station was 44 bushels per acre. Milling tests show that it contains a greater amount of gluten, is a better color and shows greater absorption than any other spring wheat.

Per bu. (60 lbs.), \$4.50; lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$7.50.

## Winter Seed Wheat

Sow in drills or broadcast 1½ to 2 bushels per acre in September or October, north of Virginia; further south as late as November. Weight, 60 pounds per bushel.

Per bu., \$3.00; lb., 10c.; 10 lbs., 75c.; 100 lbs., \$5.00.

**Golden Chaff.**—Dawson's Golden Chaff for yield and hardiness has been the standard among the white wheats for many years. The experiment station at Cornell University selected the highest yielding plants that could be found and from these bred up a strain that is a wonderful improvement over the original stock. Yields of 45 bushels per acre are quite common where this strain is used. The heads are long with smooth (beardless) brown chaff. The grain is white or light amber, medium long, medium hard and of fine milling quality. The straw is tall, very stiff and stands up well. It is very hardy and will succeed where other white wheats winter kill.

**Klondike.**—An exceptionally vigorous, white grained, bald wheat. A great storer and withstands unfavorable weather conditions better than most white grained varieties. An excellent sort for milling.

**Miracle.**—Is a bearded, red grained sort, a little larger than the average wheat and its remarkable stooling habit makes it a heavy cropper. A popular milling sort.

**Red Wave.**—A vigorous, tall growing, red grained, bald variety. Popular on account of its hardiness, stooling and good yielding qualities. It stands unfavorable weather conditions much better than the average wheat; extremely hardy, giving satisfaction everywhere. The grain is large and plump and well liked by millers.

# MISCELLANEOUS FARM SEEDS

Postage extra. See inside front cover.

## COW PEAS

Weight 60 lbs., per bushel.

Invaluable for plowing under for green manure. They can be cut green for feeding or cured like clover and fed through the winter. Sow 1½ to 2 bushels per acre broadcast about May 1st.

**Black.**—A standard trailing variety, extensively grown in the South. Very prolific; early to mature; somewhat later than Whippoorwill. Makes a fine growth of foliage and a good yield of Peas. It is a splendid land improver and most valuable as a forage crop.

1 lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$7.50; bus. (60 lbs.), \$4.50.

**Gray Crowder, or Improved Whippoorwill.**—Very early in maturity. The vines are not runners, but grow erect in bunches. The seed is brown speckled.

1 lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$7.00; bus. (60 lbs.), \$4.25.

**Groit.**—A fine, new, early maturing cow-pea, somewhat resembling New Era in appearance and size of seed, but makes a larger growth. Very highly recommended as an early-maturing, large-yielding variety.

1 lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$7.00; bus. (60 lbs.), \$4.25.

**Large Blackeye.**—This variety is more prolific better flavored and brings a higher price than the ordinary Blackeye, and farmers will find it more profitable to plant; they make a more profitable crop to grow for picking the dry peas for sale in our markets during the winter.

1 lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$7.00; bus. (60 lbs.), \$4.25.

**New Era.**—Upright in growth, quicker to mature than Whippoorwill, prolific in peas. The vines make a large growth, cure easily, and make fine, dry forage. The seeds are of a dull red color, and, being smaller than ordinary Cow Peas, less seed is required to sow an acre, 1 to 1½ bushels being ample.

1 lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$7.50; bus. (60 lbs.), \$4.50.

**Whippoorwill.**—Very valuable, upright growing variety of medium height, producing large quantities of well-filled pods, which are very long. The plant makes excellent forage for cattle and hogs. 1 lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$7.00; bus. (60 lbs.), \$4.25.

INOCULATE THIS  
SEED WITH  
MULFORD CULTURE

## SOY OR SOJA BEANS

Weight, 60 lbs. per bushel.

Culture—Sow about May 1st according to instructions given below.

The use of Soy Beans is constantly increasing on account of their value as a forage and feed crop as well as their great fertilizing properties. They can be sown with cow-peas to hold the pea vines off the ground, which thus can be cut and cured to better advantage for hay. They can be grown generally where corn can, and do equally well on light and heavy soils. Where a crop of Soy Beans is growing it is nearly impossible for weeds to grow. For hay or fertilizer they should be sown from 60 to 90 pounds to the acre. When sown for ensilage it is better to sow in corn at 15 to 20 pounds to the acre. Sow for the shelled Beans at the rate of 60 to 90 pounds to the acre, in drills 3½ feet apart, and cultivate.

**Mammoth Yellow.**—This variety will not mature seed in the North, but makes a large growth or forage and is used for hay and to plow under to improve the soil.

Lb., 12c.; 10 lbs., 85c.; 100 lbs., \$6.00; bus. (60 lbs.), \$3.60.

**Wilson's Early Black.**—One of the best in our opinion for the Northern States, where a quick-growing variety is desired. Average height on good land is about three feet, requires from 100 to 115 days to mature. Its fine stem enables it to cure quickly, which is a point in its favor.

Lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$7.00; bus. (60 lbs.), \$4.25.

## GENUINE DWARF ESSEX RAPE

There is no plant that will give so heavy a yield of forage at such a small cost as this, and its general cultivation would add largely to the profits of American farms. Especially valuable for green manuring and pasture. It will probably do more to restore and make profitable exhausted soils than any other plant.

Ground should be prepared same as for turnips. Sow in June or July in rows two and one-half feet apart, at the rate of two and one-half pounds of seed per acre. It may be sown broadcast, either with other fall forage crops or by itself, using from one to five pounds of seed per acre.

Lb., 20c.; 10 lbs., 1.50; 25 to 100 lbs., 12c. per lb.



Dwarf Essex Rape.

INOCULATE THIS  
SEED WITH  
MULFORD CULTURE

## VETCH

**Hairy, or Sand Vetch (Vicia Villosa).**—An excellent plant for a winter cover crop to prevent leaching; also for forage and fertilizing. If sown in August or September it will make a good crop of forage the following spring. It is quite hardy and very seldom winter kills in the vicinity of Philadelphia, unless planted on wet heavy soil. It is being used extensively in this vicinity for plowing under; also for dairy stock and poultry pasture. Sow 1 to 1½ bushels per acre. If sown with rye, use ¾ to 1 bushel of Vetch with ½ bushel of rye.

Lb., 30c.; 10 lbs., \$2.50; 100 lbs., \$22.00; bus. (60 lbs.), \$13.20.

**Spring (Vicia Sativa).**—A perennial pea-like plant grown as an annual in the North. Desirable as a forage plant, and valuable as a cover-crop for orchards. Culture same as for field peas. Sow 90 to 120 pounds per acre.

Lb., 20c.; 10 lbs., \$1.25; 100 lbs., \$9.00; bus. (60 lbs.), \$5.40.

## CANADIAN FIELD PEAS

Entirely different from Cow Peas, requiring to be sown early in the spring, and maturing a crop ready for cutting in May or June. Make a most satisfactory and large yielding early forage crop. When sown alone, use 1½ to 2 bushels per acre, but a seeding of Oats along with them will increase the yield and help support the pea vine.

Lb., 15c.; 10 lbs., \$1.00; bus. (60 lbs.), \$4.80; 100 lbs., \$8.00.

## BROOM CORN

One bushel weighs 46 pounds.

Culture—Sow in drills 3 feet apart at the rate of 8 to 10 pounds per acre, thinning out stalks about 70 to the rod. Cultivate as for corn. Rich land requires thicker seeding and more stalks than medium or poor soil. Cut when seed is in the milky state.

**Evergreen.**—Where the location is suitable for growing Broom Corn, farmers find it a paying crop, as the demand for the brush exceeds the supply. This Evergreen variety grows from 8 to 10 feet high, stands up well and is free from crooked brush. The fibre is long and fine and does not turn red. It is strictly a green variety. Sow 8 to 10 pounds per acre, in drills 3 feet apart, thin out to 3 inches in the rows.

Lb., 20c.; 10 lbs., \$1.50; per bus. (46 lbs.), \$4.60; 100 lbs., \$10.00

## SIMON'S PERFECTION FIELD CORN

Postage extra. See inside front cover.

GROWN FROM CAREFULLY SELECTED STOCK, CONSIDERATION BEING GIVEN TO THE PLANT, AS WELL AS TO THE EARS

**Cloud's Early Yellow Dent.**—An extra early dent variety, maturing, under favorable weather conditions, in 100 days. Ears average 10 inches in length, cob very thin, kernel  $\frac{3}{4}$  inch long, color canary yellow.

1 qt., 15c.; 1 pk., (14 lbs.), 85c.; bu. (56 lbs.), \$3.00.

**Early Mastodon.**—The earliest large-eared yellow dent corn. It is a strong grower, medium height, with broad, heavy leaves, a heavy yielder and of fine quality, matures in about 100 days.

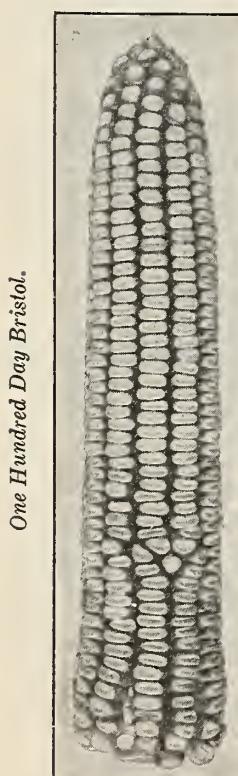
1 qt., 15c.; 1 pk., (14 lbs.), 75c.; bu. (56 lbs.), \$2.75.

**Early Yellow Canada Flint.**—Unsurpassed for earliness; invaluable where seasons are short. Matures in 85 to 90 days. Ears about ten inches long, and have 8 rows of large, deep yellow grains, which fill out to the extreme tip; cob small. A favorite with chicken raisers.

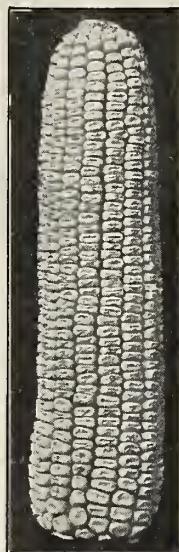
1 qt., 15c.; 1 pk., (14 lbs.), 85c.; bu. (56 lbs.), \$3.00.

**Golden Beauty.**—Is exceedingly productive; a large portion of the stalks produce two fine ears. The ears are of perfect shape, with from 10 to 14 rows, and filled out to the extreme end of cob. The richness of color and fine quality of grain makes it very superior for grinding into meal. Matures in 110 to 120 days.

1 qt., 15c.; 1 pk. (14 lbs.), 85c.; bu. (56 lbs.), \$3.00.



One Hundred Day Bristol.



Boone County.

**One-Hundred Day Bristol or White Cap Yellow Dent.**—This is one of the most prolific varieties of dent corn grown. Said to give better results on poor thin or sandy soil than any other kind. The corn is yellow with a white tip or "cap" to each kernel, so that the ear looks white on the outside, but when shelled is light yellow and very handsome. The ears are of good length (about 10 inches), with twelve rows, and filled out to the tips. See cut.

1 qt., 15c.; 1 pk., (14 lbs.), 75c.; bu. (56 lbs.), \$2.75.

**Pusey's Yellow Dent.**—Of the many excellent varieties of Yellow Corn grown in this locality, Pusey's Dent is among the best. It is extensively used by stock feeders, is a luxuriant grower; ears 10 to 12 inches long with 14 to 16 rows. The deep grains are of a rich yellow color, so closely packed that they entirely cover the butts and tips of the cob. Matures in 110 to 120 days. See cut.

1 qt., 15c.; 1 pk. (14 lbs.), 85c.; bu. (56 lbs.), \$3.00.

**Red Cob Ensilage.**—An excellent silo corn, stalks tall, short jointed and very leafy, producing as high as 45 tons of fodder per acre. Ears large with pure white, deep grains; cob red.

1 qt., 15c.; 1 pk. (14 lbs.), 70c.; bu. (56 lbs.), \$2.50.

**Reid's Yellow Dent.**—One of the most popular yellow dent varieties. Ears average 9 to 11 inches in length, filled with deep kernels of a rich golden yellow which almost entirely cover both butt and tip ends. Being of leafy, luxuriant growth, it makes the finest ensilage and fodder. Matures in 115 days.

1 qt., 15c.; 1 pk. (14 lbs.), 75c.; bu. (56 lbs.), \$2.75.

## POP CORN

**Culture.**—Plant when danger of frost is over in hills 3 to 4 feet apart each way, leaving 3 or 4 stalks to the hill. May also be sown in drills 3 to 4 feet apart, dropping the seeds  $1\frac{1}{2}$  to 2 feet apart in the drills, allowing only 2 plants to the hill. Use 2 quarts to the acre.

**Japanese Rice Pop-Corn.** Also called Australian Hulless, Tom Thumb, Dwarf Rice. It is dwarf-growing, very heavy yielder; ears short and thick; kernels long but very slim, pure white. It pops perfectly, is very tender, and of the finest quality known for popping.

Pkt., 5c.; lb., 25c.; 10 lbs., \$1.80; 100 lbs., \$16.00.

**Mapledale Prolific.**—The most prolific pop corn. The ears are very often 8 or 10 inches long, well filled with bright, handsome white grains. The stalk is of vigorous growth, reaching a height of 6 feet. Excellent for popping.

Pkt., 5c.; lb., 20c.; 10 lbs., \$1.35; 100 lbs., \$12.00.

**Red Beauty.**—The grains of this variety are red. Pkt., 5c.; lb., 20c.; 10 lbs., \$1.60; 100 lbs., \$14.00.

**Queen's Golden.**—A trifle larger than others in size, color deep yellow. It pops perfectly white. Produces four to six ears on a stalk.

Pkt., 5c.; lb., 20c.; 10 lbs., \$1.35; 100 lbs., \$12.00.

**White Rice.**—A popular variety. The white grains are sharply pointed, very popular for popping.

Pkt., 5c.; lb., 20c.; 10 lbs., \$1.35; 100 lbs., \$12.00.



Pusey's Yellow Dent.

## BIRD SEEDS, ETC.

Prices subject to variations of the market. If wanted by mail, add postage at Parcel Post Rates on inside front cover.

**Canary, Sicily.—Selected.**

Lb., 15c.; 10 lbs., \$1.10; 100 lbs., \$9.00.

**Hemp, Russian.—First quality.**

Lb., 15c.; 10 lbs., \$1.10; 100 lbs., \$9.00.

**Rape, German.—Japanese grown. Small-seeded.**

Lb., 16c.; 10 lbs., \$1.30; 100 lbs., \$11.00.

**Maw.—Best imported.**  $\frac{1}{4}$  lb., 15c.; Lb., 50c.; 10 lbs., \$4.50.

**Millet.—Fine quality.** Lb., 13c.; 10 lbs., 90c.; 100 lbs., \$7.00.

**Sunflower, Mammoth Russian.**

Lb., 17c.; 10 lbs., \$1.50; 100 lbs., \$13.00.

## HARDY GRAPE VINES

### GRAPE VINES FOR THE HOME GARDEN



*Catawba.*

**SPECIAL OFFER: 1 each of the 10 Varieties for \$3.50, Postpaid.**

**Agawam.—(Red.)** A reliable red variety producing large crops. Berries large and firm, flesh tender and flavor excellent. Splendid variety for grape juice or wine. 40c. each; \$4.00 per dozen, Postpaid. \$25.00 per 100 (Not Prepaid).

**Catawba.—(Red.)** This is considered by the leading grape growers as the best red variety. Berries are large and juicy and possesses a delightful flavor. A fine late sort. 40c. each; \$4.00 per dozen, Postpaid. \$25.00 per 100 (Not Prepaid).

**Delaware.—(Red.)** A splendid red variety for table use. Bunch and berries small, but flavor is very sweet.

40c. each; \$4.00 per dozen, Postpaid. \$25.00 per 100. (Not Prepaid).

**Concord (Black).—**The leading variety for home and market use, producing large bunches of big black berries, of splendid flavor. A good keeper and the best variety for table use or making grape juice.

40c. each; \$4.00 per dozen, Postpaid. \$25.00 per 100 (Not Prepaid).

**Diamond (White).—**Bunch large and compact. Berries large and juicy with a sweet and spicy flavor. An excellent table variety.

40c. each; \$4.00 per dozen Postpaid. \$25.00 per 100 (Not Prepaid).

The Grape is one of the easiest of cultivation, growing almost anywhere and requiring very little care. They can be grown on a trellis or the vines trailed along a fence, and they are also grown as shade for the back porch or summerhouse, not only giving protection from the sun but producing in autumn an abundance of fruit, thus giving a twofold return. The vines we offer are Northern New York State grown, are two year old, and will produce fruit the following season. The varieties listed are the best of their respective classes.

**Lindley (Red).—**One of the best early varieties. Bunches medium size. Berries large and juicy and flavor sweet and delicious. 40c. each; \$4.00 per dozen, Postpaid. \$25.00 per 100 (Not Prepaid).

**Moore's Early (Black).—**An early black variety producing large bunches of good sized berries, of a sugary flavor. 40c. each; \$4.00 per dozen, Postpaid. \$25.00 per 100 (Not Prepaid).

**Niagara (White).—**The standard white grape. Both bunch and berries are large handsome and well formed. The flesh is firm and juicy, while the flavor is of the very best. A splendid variety in everyway, and should be in every collection.

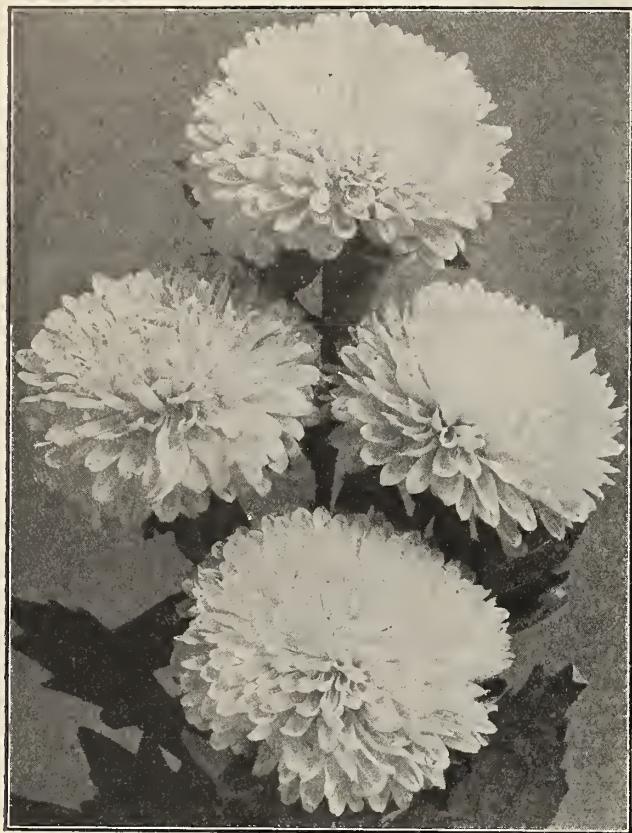
40c. each; \$4.00 per dozen, Postpaid. \$25.00 per 100 (Not Prepaid).

**Pocklington (White).—**This variety is considered the most beautiful White Grape in cultivation. The berries and bunches are extra large and compact, flesh juicy and flavor sugary and delicious. Vines are vigorous and healthy.

40c. each; \$4.00 per dozen, Postpaid. \$25.00 per 100 (Not Prepaid).

**Worden (Black).—**One of the leading black varieties. Bunches are large and compact, flavor unexcelled. Makes excellent grape juice.

40c. each; \$4.00 per dozen, Postpaid. \$25.00 per 100 (Not Prepaid).



Improved Victoria Asters.

## SELECT LIST OF NOVELTIES AND SPECIALTIES

### Simon's Six New Asters

These Asters, of American origin, are of great beauty and should be in every collection.

Collection packet each of the six New Asters, 50c.

### Peerless Pink

A splendid new Aster of the branching type producing very large flowers, 4 to 5 inches in diameter, of a pleasing shell pink color, splendid for cutting.

Oz., \$2.50;  $\frac{1}{4}$  oz., 75c.; pkt., 10c.

### Heart of France

This is the most striking novelty introduced in late years. The flowers which are borne on long stems, are very large, of rich ruby red color which deepens with age, command instant attention. The plants are of the branching type and of very robust habit.

Oz., \$3.00;  $\frac{1}{4}$  oz., 85c.; pkt., 10c.

### Lady Roosevelt

The flowers are enormous; of a deep rose-pink color. A very robust plant whose stout stems are crowned with blooms resembling chrysanthemums. A mid-season bloomer.

Oz., \$2.50;  $\frac{1}{4}$  oz., 75c.; pkt., 10c.

### New Red Sensation

The reddest of all red Asters, flowers being borne on long stems.

Oz., \$2.00;  $\frac{1}{4}$  oz., 65c.; pkt., 10c.

### Crimson Giant

This variety is of upright growth, the plants growing about  $2\frac{1}{2}$  feet tall, and producing large double bright crimson flowers on stems 15 inches, a splendid variety for cutting or the border.

Oz., \$2.00;  $\frac{1}{4}$  oz., 60c.; pkt., 10c.

### Lavender Gem

A beautiful variety of the Comet type. The flowers are silvery white when first opening, changing to a beautiful shade of lavender when fully expanded.

Oz., \$2.00;  $\frac{1}{4}$  oz., 60c.; pkt., 10c.

## SIMON'S PERFECTION QUALITY FLOWER SEEDS

Prices on all Flower Seeds include Postage

In presenting our sixth annual catalogue of Perfection Flower, Vegetable Seeds and Bulbs, we take this opportunity of thanking our numerous customers for their patronage and also solicit a continuance of the same. We spare no expense in endeavoring to keep our lists up to date and to maintain the highest standard of quality. Our Growers both in this country and Europe are specialists of high standing, and we feel sure that our seeds and bulbs will give entire satisfaction. On this page will be found a select list of Novelties and Specialties, and attention is also drawn to our Giant Comet Asters, Calendulas, Lupinus Hartwegi, Marigolds, Poppies, Stocks, Curled and Crested, and Giant Zinnias, which will be found fully described under their respective varieties.

Our list comprises those most popular and of the easiest culture.

Annuals are those which attain full growth, bloom, and die the same year, and are raised from seed exclusively.

Biennials attain full growth, bloom and die the second year from the planting of seed.

Perennials produce plants the first year, which, with a few exceptions, do not flower until second year from planting of seed, after which they bloom every year and last for several years.

The letter "A" following variety indicates Annuals; "B," the Biennials; "P," the Perennials; "P. A.," those Perennials which can be treated as Annuals.

### New King Asters

This new type of Aster is of sturdy habit, producing very large flowers with needle like petals. The plants attain a height of 18 inches and are in bloom from August to October.

	Oz.	$\frac{1}{4}$ oz.	Pkt.
King White	\$2.00	\$0.60	\$0.10
King Flesh Pink	2.00	.60	.10
King Lavender	2.00	.60	.10
King Mixed	1.75	.50	.10

### American Late Branching Asters

This vigorous variety forms tall, bushy plants. Flowers extra large, borne on long stout stems. It is a great favorite with the florists for late cutting,  $2\frac{1}{2}$  feet.

	Oz.	$\frac{1}{4}$ oz.	Pkt.
Crimson	\$1.50	\$0.50	\$0.10
Dark Blue	1.50	.50	.10
Light Blue	1.50	.50	.10
Rose	1.50	.50	.10
Shell Pink	1.50	.50	.10
White	1.50	.50	.10
Finest Mixed	1.25	.45	.10

A packet each of 6 colors, 50c.

### New Single Poppy, Flanders Fields

This is the scarlet poppy which is found growing on the battle-fields of Flanders, an intense scarlet.

$\frac{1}{4}$  oz., 25c.; Pkt., 10c.

### Double Giant Picotee Zinnias

\* This remarkable new and distinct class was first produced in 1916 from flesh color with each petal distinctly tipped with dark chocolate color, and from this variety have been produced the following colors, White, Yellow, Red, Orange, Flesh, Lemon, Pink and Cerise, all tipped with darker shades, giving the flowers a very attractive and pleasing appearance, resembling Picotee Carnations. This fine novelty has been pronounced by all who have seen it to be the most attractive thing in Zinnias.

Picotee Perfection Mixed . . . . .  $\frac{1}{4}$  oz., 60c.; pkt., 15c.

### New Double Dahlia Flowered Zinnia

This new strain is very vigorous, producing large flowers similar to a Decorative Dahlia, and averaging 6 inches in diameter, on plants growing fully 3 feet high. The colors range from white to dark red and include shades of cerise, salmon pink, old rose, etc.

All colors mixed . . . . .  $\frac{1}{4}$  oz., 75c.; pkt., 15c.

## SIMON'S PERFECTION ASTERS



Achillea (Yarrow).

**Achillea (Milloil or Yarrow)**

**The Pearl, "P. A."**—A very pretty hardy flower, pure white; grows two feet high, bearing from spring till frost, clusters of small double flowers; fine for cutting. Pkt., 10c.

**Acroclinium (A) (Everlasting Flower)**  
Showy, free-flowering annual plants.  $\frac{1}{4}$  oz., 20c.; Pkt., 10c.

**Ageratum (H. A.)**

One of the very best bedding plants, being a mass of bloom from early summer till frost. Its flowers, unlike many bedding plants, are not liable to be spoiled by rain, nor do its colors fade out.

**Little Dorrit**—Azure blue, 8 inches.  $\frac{1}{4}$  oz., 35c.; pkt., 10c.

**Mexicanum Album Grandiflorum**—Large white. 1½ feet.  $\frac{1}{4}$  oz., 20c.; pkt., 10c.

**Blue Perfection**—Deep blue, 1 foot  $\frac{1}{4}$  oz., 20c.; pkt., 10c.

**Alyssum (Mad Wort) (A)**

An ever popular border flower, requires least care of all flowers; will bloom in six weeks from planting of seed.

For edges of beds or rockeries its color effect is fine.

**Little Gem**—Very dwarf habit, 4 inches high, very erect. Oz., 50c.;  $\frac{1}{4}$  oz., 20c.; pkt., 10c.

**Benthani**—Grows 12 inches high; excellent for flower baskets and porch boxes. Oz., 30c.;  $\frac{1}{4}$  oz., 10c.; pkt., 5c.

**Saxatile Compactum (Perennial Yellow Alyssum.)** Pkt., 10c.

**Amaranthus (A)**

An easily grown annual decorative plant, useful for beds and borders.

**Caudatus**, Long drooping racemes of deep red flowers. Oz., 25c.; pkt., 5c.

**Anchusa Italica (P) (Alkanet)**

**Dropmore Variety**—A gentian blue perennial growing about 4 feet high, very attractive. Pkt., 10c.

**Antirrhinum (Snap Dragon) (P. A.)**

A well-known, beautiful, stately plant, giving a wealth of bloom in pleasing colors; a great border flower.

**Giant Large Flowering Type**

24 to 30 inches tall

	Oz.	$\frac{1}{4}$ oz.	Pkt.
<b>Blood Red</b> —Rich, dark crimson maroon	\$0.75	\$0.25	\$0.10
<b>Cottage Maid</b> —Beautiful pale pink	.75	.25	.10
<b>Queen Victoria</b> —Pure white	.75	.25	.10
<b>Yellow</b> —Large, golden yellow	.75	.25	.10
<b>Giant Flowered</b> —Mixed	.75	.25	.10

A packet each of four colors, 35c.

**Intermediate Type**

15 to 24 inches high—for bedding

	Oz.	$\frac{1}{4}$ oz.	Pkt.
<b>Daphne</b> —Delicate pink	\$1.00	\$0.30	\$0.10
<b>Defiance</b> —Fiery scarlet	1.00	.30	.10
<b>Golden Queen</b> —Rich pure yellow	1.00	.30	.10
<b>Mont Blanc</b> —Pure white	1.00	.30	.10
<b>Half Dwarf</b> —Mixed	1.00	.30	.10

A packet each of four colors, 35c.

**Simon's Perfection Asters.**

The most popular of all annual flowers and easy of culture, being invaluable for garden decoration and for cutting. The varieties listed represent the finest Asters of the early, mid-season and late types, and will give a profusion of bloom from July to late October. Asters require good rich soil and during the growing period should be well supplied with water. Wood ashes or slacked lime worked into the soil before planting will prevent stem and root disease to which asters are liable.



Giant Comet Aster.

**Giant Comet Aster**

Flowers are extra large, with long, wavy, curled petals, similar to Japanese Chrysanthemums. Plants attain a height of 2½ feet; branching habit and long stems.

	Oz.	$\frac{1}{4}$ oz.	Pkt.
<b>Crimson</b>		\$1.50	\$0.50 \$0.10
<b>Dark Blue</b>		1.50	.50 .10
<b>Light Blue</b>		1.50	.50 .10
<b>Rose</b>		1.50	.50 .10
<b>Shell Pink</b>		1.50	.50 .10
<b>White</b>		1.50	.50 .10
<b>Finest Mixed</b>		1.25	.40 .10

A packet each of six colors, 50c.

**Queen of the Market**

An extra early variety, bearing large double flowers, plants of branching habit, having long stems, 2 feet.

	Oz.	$\frac{1}{4}$ oz.	Pkt.
<b>Crimson</b>		\$1.00	\$0.30 \$0.10
<b>Dark Blue</b>		1.00	.30 .10
<b>Light Blue</b>		1.00	.30 .10
<b>Rose</b>		1.00	.30 .10
<b>Shell Pink</b>		1.00	.30 .10
<b>White</b>		1.00	.30 .10
<b>Finest Mixed</b>		.75	.25 .10

A packet each of six colors, 50c.

**Victoria Improved**

Flowers borne on long, stiff stems, very double and showy, with recurved petals, 2½ feet.

	Oz.	$\frac{1}{4}$ oz.	Pkt.
<b>Crimson</b>		\$2.50	\$0.75 \$0.10
<b>Dark Blue</b>		2.50	.75 .10
<b>Light Blue</b>		2.50	.75 .10
<b>Delicate Rose</b>		2.50	.75 .10
<b>Scarlet</b>		2.50	.75 .10
<b>Pure White</b>		2.50	.75 .10
<b>Finest Mixed</b>		2.00	.65 .10

A packet each of six colors, 50c.

**Aquilegia (Columbine) (P)**

This beautiful plant thrives in all kinds of soil, in either sunny or shaded spots; possesses graceful foliage; flowers abundantly from early May until last of June; varied colors.

**Assorted Long-Spurred Hybrids** ..... Pkt., 15c.

**Asparagus (G. P.)**

An excellent pot plant for conservatory or house decoration.

**Plumosus Nanus.**—Feathery, fern-like foliage; 18 inches.

100 seeds, 50c.; pkt., 25c.

**Sprengeri.**—Drooping, feathery foliage; excellent for hanging baskets.

100 seeds, 25c.; pkt., 10c.

**Balsam (Lady Slipper)****Double Camellia Flowered Mixed (A)**

An easy-growing annual of quick growth, very desirable for garden or pot culture. Set 15 inches apart in rich soil.

1/4 oz., 25c.; pkt., 5c.

**Balloon Vine (A)**

A very rapid-growing vine, with beautiful foliage and white blossom, which eventually turns into a seed vessel resembling a balloon. Sow the seed out of doors, where they are intended to grow, and allow 6 inches of space between each plant.

Oz., 25c.; pkt., 10c.

**Brachycome (Swan River Daisy) (A)**

**Iberidifolia.**—Mixed colors.

1/4 oz., 25c.; pkt., 10c.

**Begonia (A)**

The plants grow compact about 10 inches high, and into a perfect globular shape. The colors appearing in this class of begonias are very effective, and for edges of walks, beds or for color effect in gardens of formal design there is nothing more decorative. They succeed equally well in sunshine as in shade. Space to be allowed is eight inches for each plant.

**Semperflorens, Fine Mixed.**

pkt., 10c.

**Bellis Perennis (P)**

(Double Daisy)

Favorite perennials producing in spring their handsome, double flowers, and are very effective when planted with pansies or for get-me-nots. Rich soil and cool situation suit them best.

**Giant Pink.**—Extra large flowers almost the size of an aster.

1/4 oz., 85c.; pkt., 15c.

**Giant White.**—Same as above except in color.

1/4 oz., 85c.; pkt., 15c.

**Longfellow.**—The flowers of this handsome daisy are of enormous size, color a rich dark rose, perfectly double, and borne on long and stiff stems. Of unusual merit and deserve to be largely cultivated, being most excellent for bouquets. May be easily raised from seed.

1/4 oz., 60c.; pkt., 10c.

**Snowball.**—A fine, large, double, free-flowering, white daisy, which is a companion to Longfellow. An excellent low growing spring flowering plant.

1/4 oz., 60c.; pkt., 10c.

**Monstrosa Mixed.**—Flowers frequently attain the size of zinnias. The flower stems are long and stiff and almost as thick as a pencil.

1/4 oz., 75c.; pkt., 10c.



Bellis (Double Daisy.)



SIMON.

**Calliopsis.****Calliopsis**

Very hardy and showy annual, with bright yellow and reddish-brown single daisy-like flowers, easily grown and useful both for garden decoration and cutting.

**Blood Red** ..... Oz., 20c.; pkt., 5c.

**Golden Wave.**—Large yellow flowers with dark brown centres.

Oz., 20c.; Pkt., 5c.

**Mixed.**—Yellow and brown, and velvety brown.

Oz., 20c.; Pkt., 5c.

**Calendula (Pot Marigold) (A)**

A most popular annual, very showy, grows in any kind of soil, makes a fine effect in mixed beds or borders, a good potting flower.

**Orange King.**—Large double orange ..... Oz., 30c.; pkt., 10c.

**Lemon Queen.**—Large sulphur yellow ..... Oz., 30c.; pkt., 10c.

**Large double, finest mixed** ..... Oz., 25c.; pkt., 5c.

**Campanula (Canterbury Bells) (B)**

This old-fashioned flower is a favorite with all. Stately and showy, and of the easiest growth. Hardy biennials.

**Single, Mixed Colors.**—The old-fashioned variety with single bell-shaped flowers.

1/4 oz., 20c.; pkt., 10c.

**Calycanthema "Cup and Saucer".**—Our mixture includes all the best colors and varieties.

1/4 oz., 50c.; pkt., 10c.

**Pyramidalis.**—The Chimney Bell-flower, a hardy perennial flowering in late summer. **Finest mixed.** Height, 3 1/2 feet.

1/4 oz., 50c.; pkt., 10c.

**Candytuft (A)**

Candytuft is a very hardy plant, easily grown and flowers all summer. It is a universal favorite, and is used for beds, borders, pots, etc.

**Giant Empress.**—An improved variety, producing very long spikes of bloom resembling a white hyacinth.

Oz., 50c.; pkt., 10c.

**Pink** ..... Oz., 25c.; pkt., 5c.

**Crimson** ..... Oz., 25c.; pkt., 5c.

**Purple.**—Deep rich purple ..... Oz., 25c.; pkt., 5c.

**Mixed Colors.**—A mixture of the pink, purple, crimson and white varieties.

Oz., 25c.; pkt., 5c.

**Carnation (A)**

Always in demand and not hard to grow. Have a delightful clove fragrance. The "Marguerite" variety will bloom in four months from time of sowing seed.

	Marguerite.	1/4 oz.	Pkt.	
Scarlet		\$0.50	\$0.10	
Rose		.50	.10	
White		.50	.10	
Mixed		.40	.10	
<b>Malmaison, Mixed, Giant Flowered</b>		.50	.10	

**Canary Bird Flower (A. C.)**

A highly ornamental creeper, with exceedingly beautiful yellow-fringed flowers and finely divided foliage. Oz. 25c.; pkt., 5c.

**Cardinal Climber (A)**

One of the best annual climbers introduced for many years. Rapid grower, with branching habit; flowers all summer in fiery cardinal-red clusters; 25 feet. Pkt., 15c.

**Celosia (Cockscomb) (A)**

Hardy annuals producing peculiar heads of bloom rather resembling a cock's comb, hence the name.

**Glasgow Prize.**—The finest of all, producing immense heads of glowing crimson. . . . . 1/4 oz., 50c.; pkt., 10c.

**Dwarf Empress.**—A miniature plant, with enormous combs of intense bright red. 1/4 oz., 50c.; pkt., 10c.

**Plumosa or Plumed Varieties**

**Plumosa Coccinea.**—Crimson ostrich plume. 1/4 oz., 25c.; pkt., 10c.

**Finest Mixed.**—A choice mixture of both kinds in various colors. 1/4 oz., 25c.; pkt., 10c.

**Chinese Woolflower**

This attractive variety produces large plants bearing enormous heads of flowers which resemble balls of silky wool, useful for drying for winter bouquets.

**Crimson.** . . . . . 1/4 oz., 50c., pkt., 10c.  
**Pink.** . . . . . 1/4 oz., 50c., pkt., 10c.

**Centaureas (A)**

Extremely popular annual, requiring little or no care, and flowering within eight weeks from the date of sowing. Its free and uninterrupted flowering habit, its tendency to branch freely and its value as a cut flower, as well as a garden decoration, is responsible in a great measure for its popularity.

**Centaurea Imperialis (Sweet Sultan)**

	Oz.	1/4 oz.	Pkt.	
Alba.—White, 3 feet	\$0.75	\$0.25	\$0.10	
Favorite.—Rose, 3 feet	.75	.25	.10	
Splendens.—Dark purple, 3 feet	.75	.25	.10	
Lavender.—Giant	.75	.25	.10	
<b>Finest Mixed.</b> —3 feet	.75	.25	.10	

**Centaurea Cyanus (Corn Flower or Bachelor's Button)**

This well-known variety is useful for cutting and for buttonieres and when used with Calliopsis, Marigolds, and other annuals, make a charming combination, of easy culture, usually reseeding itself and coming up each season.

**Blue Emperor.**—Deep blue, 2 feet . . . . . Oz., 25c.; pkt., 5c.  
**Cyanus.**—Finest mixed, 2 feet . . . . . Oz., 25c.; pkt., 5c.  
**Double Blue.**—Fine for cutting . . . . . 1/4 oz., 20c.; pkt., 10c.  
**Double Rose.**—Bright rose, 2 feet . . . . . 1/4 oz., 20c.; pkt., 10c.  
**Double Mixed.**—All colors . . . . . 1/4 oz., 20c.; pkt., 10c.

**Centaurea Silver Leaved (Dusty Miller)**

**Candidissima.**—10 in. Thick silvery white leaves, used for bedding purposes. Pkt., 10c.

**Gymnocarpa Dusty Miller.**—1 foot. Foliage finely cut of silvery gray color, used for bedding. Pkt., 10c.

**Chrysanthemum (Perennial Varieties)**

**Double, Early-Flowering Japanese.**—Japonicum Fl. Pl. Finest mixed. Flowers in the open ground from August till November.

Pkt., 15c.

**Shasta Daisy (Chrysanthemum Leucanthemum) (P)**

A very hardy perennial, blooming better and more abundantly each season, and continuing to bloom for several months. The pure white flowers are from two and one-half to four inches in diameter, and are borne singly on long, stiff wiry stems. The blooms, when cut, remain perfectly fresh and in good condition for two weeks or more.

**Alaska.**—The finest of all daisies. Stems 2 feet long. Pkt., 15c.

**Annual Varieties**

The Annual Chrysanthemums are free-blooming, easily grown plants. They have large daisy-like flowers in a variety of brilliant colors and are fine for cutting.

**Coronarium.**—Double mixed colors. Oz., 30c.; pkt., 5c.

**Single Flowering**

<b>Morning Star.</b> —Primrose with yellow centre	Pkt., 5c.
<b>Evening Star.</b> —Large golden yellow flower	Pkt., 5c.
<b>White Star.</b> —Pure white	Pkt., 5c.
<b>Mixed.</b> —All colors	Pkt., 5c.

**Clarkia**

This pretty and easily grown annual will do well either in sun or shade, growing 2 to 2 1/2 feet high, with leafy racemes of double flowers, which all open in water when cut.

**Elegans, Double Mixed.**

Pkt., 10c

**Cleome (Giant Spider Flower)**

An annual of great merit producing large heads of spider like flowers on stems about 2 1/2 feet high.

**Pungens.**—Large pink flowers.

1/4 oz., 20c.; pkt., 5c.

**Cineraria (G. A.)**

Among the most ornamental of plants that can be grown for hot-house or conservatory decoration. Sow seed from July to September. Young plants require cool location and an abundance of water, especially when coming into flower.

**Dwarf Exhibition Hybrids.**—Acknowledged to be the finest strain grown; of compact branching habit, with exceptionally large flowers of the richest and brightest colors.

Large pkt., \$1.00; pkt., 35c.



Grandiflora Dwarf Hybrid Cineraria.

**Coleus Hybrids**

An attractive foliage plant for ornamental bedding. Choice mixed containing a number of fine varieties. Pkt., 15c.

**Cobea Scandens (A)**

Magnificent, rapid-growing climbers, with large, bell-shaped flowers, adapted for outdoor growth in summer; also for the house and greenhouse. The seed should be started in the house and planted edgewise.

**Scandens.**—Purple.

$\frac{1}{4}$  oz., 20c.; pkt., 10c.

**Scandens.**—White.

$\frac{1}{4}$  oz., 30c.; pkt., 10c.

**Convolvulus (Morning Glory) (H. A.)**

The morning glory is too well known to need a description, and one seldom finds a more satisfactory vine. The amateur gardener can be sure of a fresh supply of bright-colored, delicately-tinted flowers.

**Tall Varieties.**—Mixed, all colors.

Oz., 20c.; pkt., 5c.

**Dwarf Varieties.**—Mixed, all colors.

Oz., 20c.; pkt., 5c.

**Cosmos (A)**

One of our most satisfactory hardy annuals, flowering in late summer. Fine for cutting and easily grown. Can be sown anywhere and transplanted. Grows 4 to 6 feet high.

**New Double Flowering Cosmos.**—This novelty varies considerably in its degree of doubleness, some of the flowers being perfect, while others have a crested centre, with the outside petals forming a collar, each type being very showy. This variety can readily be told when quite young, owing to foliage being heavier than the single variety.

	Oz.	Pkt.
<b>White</b> .....	\$0.60	\$0.10
<b>Pink</b> .....	.60	.10
<b>Crimson</b> .....	.60	.10
<b>Double Mixed.</b> —All colors .....	.60	.10

**Giant Early Flowering Cosmos**

This variety will flower in 60 days from sowing and blooms continuously till frost. The flowers are large, measuring 3 to 4 inches in diameter, the plant attaining a height of 4 to 5 feet.

	Oz.	Pkt.
<b>Crimson</b> , 4 feet .....	\$0.50	\$0.10
<b>Pink</b> , 4 feet .....	.50	.10
<b>White</b> , 4 feet .....	.50	.10
<b>Mixed</b> , beautiful shades, 4 feet .....	.40	.10

**Giant or Late Cosmos**

	Oz.	Pkt.
<b>Pink</b> , 5 feet .....	\$0.30	\$0.10
<b>Red</b> , 5 feet .....	.30	.10
<b>White</b> , 5 feet .....	.30	.10
<b>Mixed</b> , 5 feet .....	.25	.10



Giant Early Cosmos.

**Coreopsis (P)**

The popular hardy variety, flowers rich golden yellow, blooming the entire summer and autumn. Will bloom the first season if sown early.

**Lanceolata Grandiflora.**—Single yellow, flowers fine for cutting. Oz., 30c.; pkt., 5c.

**Cowslip**

**The Old Favorite English Cowslip.**—This beautiful spring flowering dwarf primula veris bears clusters of fragrant flowers of various colors, as yellow-brown, edged yellow, etc. They are particularly pretty when grown in good sized colonies in partially shaded situations, naturalized or in shrubbery or herbaceous borders. Height 6 inches.

**Fine mixed colors.**

Pkt., 10c.

**Cypress Vine (A)**

Beautiful and popular, tender climber, delicate, fern-like foliage, numerous flowers.

	Oz.	Pkt.
<b>Scarlet</b> .—Very brilliant.	\$0.40	\$0.10
<b>White</b> .....	.40	.10
<b>Mixed</b> .....	.30	.10

**Cyclamen (G. P.)**

Most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. The culture of the Cyclamen from seed is comparatively easy.

**Especially Selected Giant Strains**

**Cyclamen Persicum, Covent Garden Strain.**—Extra choice mixed. Pkt., 25c.

**Persicum Giganteum.**—From prize English collections. The colors are deep crimson, purest white, rose and white with carmine spots and flakes. Pkt., 50c.

**Dahlia (H. H. P.)**

Grown very readily from seed and flowering the first season. Requires a common garden soil and moderate amount of water. When plants show buds a good feeding with liquid manure will greatly increase blooms. Seed saved from choice collections of noted growers.

	Oz.	Pkt.
<b>Choice Double Mixed</b> .....	$\frac{1}{4}$ oz.	\$0.50
<b>Choice Single Mixed</b> .....	.25	.10
<b>Cactus Flowered Mixed</b> .....	.50	.10
<b>Giant Hybrids</b> , Choice Mixed .....	.75	.10

**Datura (A)**

Large branching plants producing very large handsome, double or single, trumpet-shaped blossoms of exquisite fragrance. Excellent for late summer and autumn flowering.

**Cornucopia (Horn of Plenty).**—A magnificent variety, stems dark purple maroon, flowers average 8 inches long by 5 inches across mouth, interiors being glistening French white, with purple exteriors. Pkt., 10c.

**Delphinium (P) (Hardy Larkspur)**

Great improvement has been made in the form and colors of these splendid border perennials, and their vigor of growth has been increased. They are of easy culture, thriving in any good open, yet substantial soil; when well established they are of great value in mixed or shrubby borders, and for cutting purposes.

	Pkt.
<b>Belladonna</b> .—Turquoise blue .....	\$0.15
<b>Formosum</b> .—Dark blue .....	.15
<b>Cardinale</b> .—Brilliant scarlet .....	.15
<b>Chinense</b> .—Light blue, 2 feet .....	$\frac{1}{4}$ oz. \$0.25
<b>Chinense Album</b> , pure white, 2 feet .....	$\frac{1}{4}$ oz. .25
<b>Selected Hybrids</b> .—Mixed .....	$\frac{1}{4}$ oz. .30
	.05

**Dianthus or Pinks (A)**

There are few annual flowers that will produce such a brilliant display of color for so long a time as the various varieties of dianthus. Seed sown in the spring produces a beautiful display of flowers from July to November. If the plants are given some light protection they will live over the winter and flower very early the following spring.

**Double Japan Fink (Dianthus Hedewigi).**—Remarkably large and double, and of brilliant colors. The flowers are as large as the finest carnations. Mixed colors.  $\frac{1}{4}$  oz., 25c.; pkt., 5c.

**Double Chinese Pink (D. Chinensis).**—Flowers very double and produced in clusters.  $\frac{1}{4}$  oz., 25c.; pkt., 5c.

**Single Dianthus.**—The single flowering dianthus makes a most brilliant show of color in the garden.  $\frac{1}{4}$  oz., 25c.; pkt., 5c.

**Plumarius (Pheasant's Eye).**—Hardy, single, white, fringed flowers with dark centre.  $\frac{1}{4}$  oz., 20c.; pkt., 5c.

**Dianthus Plumarius Semperflorens.**—Everblooming hardy garden pinks double and semi-double varieties all colors mixed.

Pkt., 10c.

**Digitalis (Foxglove) (P)**

Excellent hardy perennials producing long clusters of tubular flowers. Splendid for shrubberies, shady places and borders.

**Gloxinaeflora, Mixed.**.....  $\frac{1}{4}$  oz., 30c.; pkt., 10c.

**Dimorphotheca (Orange River Daisy)**

A showy garden annual, splendid for cutting. The daisy-like blooms are borne on long stems. Height 18 inches.

**Aurantiaca Hybrids.**—A fine mixture of shades from white to rich rose.  $\frac{1}{4}$  oz., 50c.; pkt., 10c.

**Dolichos (Hyacinth Bean)**

A very rapid-growing, hardy annual climber, bearing pea-shaped blossoms and ornamental seed pods. Fine for covering screens, etc., 10 feet. **White and purple.** Oz., 20c.; pkt., 10c.

**Echinocystis (Wild Cucumber Vine) (A)**

The fastest growing annual vine in existence; will grow 20 feet in six weeks; pretty foliage and inconspicuous white flowers; soak seed in water over night before planting in dry weather.

Oz., 25c.; pkt., 5c.

**Eschscholtzia (California Poppy) (A)**

The beautiful lace-like foliage covers the entire growth a foot high, and has a silvery sheen. The cone-shaped poppy flowers appear on fairly long stems from June until frost without interruption.

Oz. Pkt.

<b>California, Bright yellow.</b> .....	<b>\$0.30</b>	<b>\$0.10</b>
<b>Pure White</b> .....	<b>.30</b>	<b>.10</b>
<b>Rose Pink</b> .....	<b>.30</b>	<b>.10</b>
<b>Golden West, Rich yellow</b> .....	<b>.40</b>	<b>.10</b>
<b>Brilliant Scarlet</b> .....	<b>.50</b>	<b>.10</b>
<b>All Shades Mixed</b> .....	<b>.30</b>	<b>.05</b>

**Euphorbia Variegata (A) (Snow on the Mountain)**

**Euphorbia Variegata (Snow on the Mountain).**—Foliage veined, edged with white, 2 feet high. Pkt., 10c.

**Gourds (A)**

**Calabash Large.**—Useful for pipe making. Oz., 25c.; pkt., 5c.

**Dipper.**—Used for dippers; 9 to 12 inches long, hold from 1 to 4 pints; will last for years. Oz., 25c.; pkt., 5c.

**Japanese Nest Egg.**—Exactly like a hen's egg in shape, color and size. Oz., 25c.; pkt., 5c.

**Orange-Shaped.**—(Mock Orange). Oz., 25c.; pkt., 5c.

**Hercules Club.**—Clubshaped Oz., 25c.; pkt., 5c.

**Gourd Mixture.**—Contains all the above-mentioned sorts. Oz., 25c.; pkt., 5c.

**Gaillardia**

A very showy flower and easily raised from seed, the annual varieties being about 18 inches high and free flowering. The perennial variety should be sown early to produce large plants for the following season.

**Picta.**—Mixed colors—(A) single flowers. Oz., 30c.; pkt., 10c

**Lorenziana Mixed (A).**—A charming, profuse, double-flowering strain; beautiful mixed colors. Oz., 30c.; pkt., 10c.

**Single Gaillardia (Grandiflora) (P).**—Very large and showy, red flowers bordered with deep yellow. The flowers grow on stems 2 feet long and are often 3 inches in diameter. Oz., 50c.; pkt., 10c.

**Godetia**

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil.

**Dwarf Sorts Mixed.**—Many brilliant colors. Height 10 inches. Oz., 15c.; pkt., 10c.

**Grevillea (Silk Oak) (P)**

**Robusta.**—It is easy to manage, grows rapidly from seed, and is pretty in all stages of growth; with its long drooping silky foliage it reminds one of a palm or fern. 1 to 5 feet. Pkt., 10c.

**Gypsophila (Baby's Breath) (H. A.)**

Graceful, free flowering plant, forming a symmetrical bush, covered with loose panicles of flowers; excellent for cutting and mixing in bouquets.

**Elegans Grandiflora Alba (Baby's Breath).**—This is an improved large-flowering, pure white, of free, easy growth. Several sowings should be made during the season to keep up a supply. Oz., 10c.; pkt., 5c.

**Elegans Carminea.**—A blush pink form of above. Very free flowering. Oz., 10c.; pkt., 5c.

**Paniculata (P).**—White flowers, fine for bouquets; one of the favorite hardy perennials; blooms first year if sown early; 2 feet. Oz., 25c.; pkt., 10c.

**Heliotrope (2 ft.) (H. H. P.)**

Heliotrope is a universal favorite on account of its delightful fragrance and duration of bloom. Seed sown in the spring, makes fine plants for bedding out, and are as easily grown as Verbenas. The colors of the blossoms range from white through all shades of violet to the deepest purple.

**Mammoth Mixed.**—Flowers of great size and ranging in shade from dark blue to lilac. Oz., 50c.; pkt., 10c

**Helianthus (Sunflower) (A)**

The strong growth of these well-known plants makes them unsuitable for bedding; but they are very useful for massing in shrubby or borders, and for screening purposes. They do well in sunny positions, in any kind of soil. The dwarf kinds, with smaller flowers, are charming when grouped in mixed flower borders. Excellent for cutting.

**Red Sunflower.**—The diversity of form of the Red Sunflower is as interesting as beautiful. Straight and flat petals vary with twisted and pointed ones, which appear colored in various shades of red, forming often a distinct circle of yellow ground around the dark disk; 3 feet high.

Pkt., 10c.

**Nanus Flore Pleno.**—Double dwarf, beautiful for massing in beds. 2½ feet.

Oz., 30c.; pkt., 5c.

**Globosus Fistulosus Fl. Pl.** (Double Globe or Dahlia Sunflower)—Flowers a rich saffron color. 6 feet.

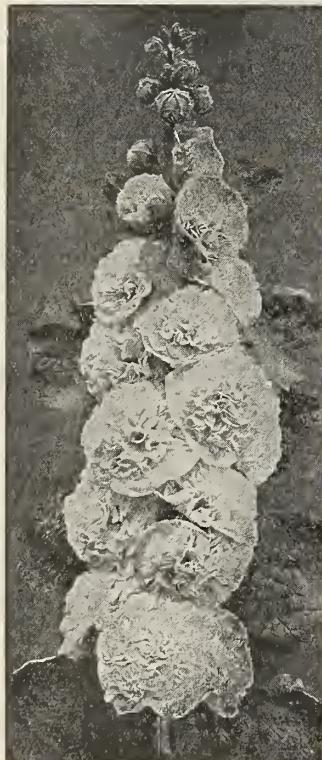
Oz., 30c.; pkt., 5c.

**Chrysanthemum Flowered.**—Large golden yellow flowers resembling a Chrysanthemum.

Oz., 30c.; pkt., 5c.

**New Miniature.**—A mixture of the new dwarf sunflowers in a variety of colors.

1/4 oz., 20c.; pkt., 10c.



Double Hollyhocks.

**Helichrysum (Straw Flower) (A)**

A hardy annual of the easiest culture; one of our best "Everlasting" flowers, the dried double blooms being very handsome in winter bouquets; 2 feet.

**Mixed;** Oz., 40c.; pkt., 5c.**Hollyhocks (P)**

Hollyhocks require a rich soil, but it must be well drained. We have given especial attention to this flower and you will find our strains of seed of the finest quality. Once thoroughly established they bloom stronger and more brilliantly every year. Seeds sown early and the young plants transplanted several times, will bloom the same season; July and August sown seed, following year; 5 to 8 feet.

**Chater's Improved Double Hollyhock**

	1/4 oz.	Pkt.
Pink	\$0.40	\$0.10
Red	.40	.10
White	.40	.10
Yellow	.40	.10
<b>C h o i c e</b>		
<b>m i x e d</b>	.40	.10
<b>Single Ever-</b>		
<b>Blooming,</b>		
<b>mixed</b>	.25	.05

**Ipomoea (Moonvine) (A) 20 ft.**

Beautiful, rapid annual climbers. Foliage very dense and of remarkable shape. Seeds should be soaked in warm water for 24 hours before sowing to assist rapid germination. The seeds about the size of a pea should be notched with a file before soaking.

**Mexicana Grandiflora Alba.**—Large white flowers, 5 to 6 inches in diameter.

Pkt., 10c.

**Japanese Imperial Fringed.**—Large fringed flowers of many beautiful colors and shades.

Oz., 25c.; pkt., 5c.

**Rubra Coerulea (Heavenly Blue).**—Very large flowers of Sky blue. A splendid climber.

Pkt., 10c.

**Kochia (A)**

**(Summer Cypress or Mexican Fire Bush).**—An easily grown annual, which grows into a cypress-like hedge, with feathery foliage; at the approach of autumn the foliage turns to a deep red color; 2 to 3 feet.

Oz., 20c.; pkt., 5c.

**Kudzu Vine**

**Kudzu Vine.**—A rapid growing hardy climber of great merit, growing 8 to 10 feet the first season from seed. Flowers are pea shaped, of a rosy purple color.

Pkt., 10c.

**Larkspur****(Annual Varieties)**

One of the best hardy annuals lasting a long time in flower. In order to have blossoms from July until frost the seeds should be sown in the open as early as possible, exceptionally good for cutting.

**Double Tall Branching, or Stock Flowered.**

—The finest class of all Larkspurs for cutting and borders, with long spikes of large, double flowers, 2 feet.

**Dark Blue.**

Oz., 40c.; pkt., 10c.

**Lustrous Carmine.**

Oz., 40c.; pkt., 10c.

**Pure White.**

Oz., 40c.; pkt., 10c.

**Shell Pink.**

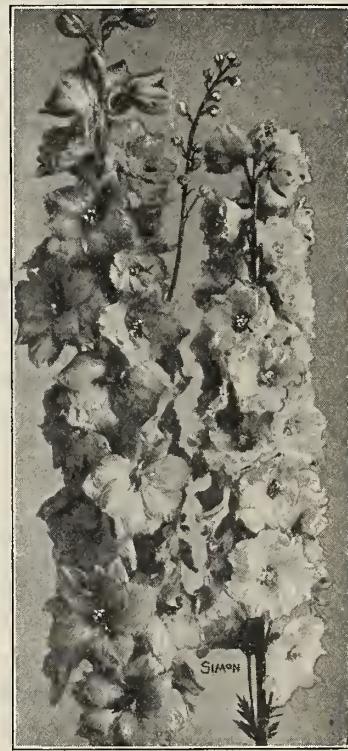
Oz., 40c.; pkt., 10c.

**Sky Blue.**

Oz., 40c.; pkt., 10c.

**Giant Hyacinth-****Flowered.** — Finest mixed.

Oz., 40c.; pkt., 10c.



Larkspur.

**Lavender (P)**

An old garden favorite, valued for its sweet-scented leaves and flowers. **Lavendula Vera.** Blue, 1½ feet.

Oz., 50c.; 1/4 oz., 20c.; pkt., 10c.

**Lobelia**

This charming variety (*L. erinus compacta*) forms compact bushes about 6 inches high and are covered with bloom throughout the season. Highly desirable for edging ribbon bedding and garden decorations as well as for pot culture. They flower the first season from seed.

**Crystal Palace.** Deep blue.

Pkt., 10c.

**Lantana**

Showy bedding plants of as easy culture as Verbena or Geranium; flowers freely produced in beautiful clusters, and constantly changing in hue.

**New Dwarf Bedding Hybrids.** 1 foot.

Pkt., 10c.

**Lathyrus (Latifolius) (Perennial Pea) (H. P.)**

Large clusters of red, white or pink flowers, resembling the Sweet Pea. Fine for covering walls, stumps, trellises and for ledgy places.

**Finest Mixed.**

Oz., 50c.; Pkt., 10c.

**Linaria (Kenilworth Ivy) (H. P.)**

Small flowers of lavender and purple colors. A charming, neat hardy perennial trailing plant, suitable for baskets, vases, pots and rockwork.

**Cymbalaria.**—Mixed colors.

Pkt., 10c.

**Lupinus**

An annual of branching habit, of easy culture and very popular, producing long spikes of pea-shaped blossoms, useful for mixed borders and for cutting.

**Hartwegi.**—A splendid mixture of colors. Oz., 25c.; pkt., 05c.**Matricaria Capensis**

**(Double White Feverfew).** Free flowering annuals blooming the entire season, fine for pots and borders.

Pkt., 10c.

**Marvel of Peru (Four O'Clock) (H. A.)**

Large, showy, fragrant flowers, blooming the entire season. Succeeds well in any ordinary garden soil; flowers are usually crimson, yellow and purple, requiring a sunny location. Fine for beds or borders, finest mixed.

Oz., 20c.; pkt., 5c.

*African Marigold.***Marigold (Tagetes) (A)**

In autumn when many bedding and other plants are past their prime, Marigolds afford a wealth of color that is invaluable.

The African varieties produce large self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting, some of the varieties being elegantly striped and spotted.

**Orange Prince, double orange.**—3 feet.  $\frac{1}{4}$  oz., 20c.; pkt., 10c.

**Lemon Queen, double, sulphur-yellow.**—3 feet.

 $\frac{1}{4}$  oz., 20c.; pkt., 10c.

**Legion of Honor, Little Brownie.**—6 inches, splendid for borders, rock gardens, etc.

 $\frac{1}{4}$  oz., 15c.; pkt., 5c.

**Mammoth African, Double.**—Finest mixed. 3 Feet.

 $\frac{1}{4}$  oz., 15c.; pkt., 5c.

**French Dwarf Double.**—Finest mixed. 2 feet.

 $\frac{1}{4}$  oz., 15c.; pkt., 5c.**Mignonette (Reseda Odorata) (H. A.)**

Seed of this popular hardy annual can be sown at any time, and if successive sowings are made, its fragrant, modest-colored flowers may be gathered outdoors until November. Sow in pots or boxes under glass in February or March, and thin out or pot the seedlings to make good plants for bedding out in May.

**Defiance.**—Very large and fragrant. The best for Florist's use.

 $\frac{1}{4}$  oz., 20c.; Pkt., 10c.

**Improved Giant Machet.**—Immense spikes of reddish green flowers; very fragrant.

 $\frac{1}{4}$  oz., 15c.; pkt., 10c.

**Sweet-scented (Reseda Odorata).**—The old variety, with small spikes, but very sweetly scented.

Oz., 15c.; pkt., 5c.

**Momordica (A. C.)**

Handsome climbing vines with inconspicuous flowers, but having large warty, golden yellow fruits, which, when ripe, split open and display showy, bright red seeds. Often used medicinally.

**Balsaminia (Balsam Apple).**—Yellow. Oz., 35c.; pkt., 10c.

**Charantia (Balsam Pear).**—Yellow. Oz., 35c.; pkt., 10c.

**Myosotis (Forget-Me-Not) (A)**

Small, star-like flowers, borne on terminal racemes. Excellent for borders and flowering extremely early. Seed should be sown in August and young plants wintered in cold frames.

**Finest Mixed.**—8 inches.

 $\frac{1}{4}$  oz., 25c.; pkt., 10c.

**Alpestris Victoria.**—Deep blue.

Pkt., 10c.

**Palustris Semperflorens (P).**—Dwarf; blooms the entire season, deep blue.

Pkt., 10c.

**Nigella (Love-in-a-Mist) (H. A.)**

Plants bear very showy flowers, with the foliage finely cut which surrounds the flower.

**Damascena.**—Fine mixed colors.

 $\frac{1}{4}$  oz., 15c.; pkt., 5c.

**Miss Jekyll.**—Sky blue, extra double, splendid variety.

 $\frac{1}{4}$  oz., 20c.; pkt., 5c.**Nicotiana (Flowering Tobacco)**

Extremely showy annual plants, giving a continuous display of brilliant flowers through the summer and autumn; plants are of branching habit.

**Nicotiana Affinis.**—An annual with sweet-scented pure white star-shaped flowers, 3 inches across, blooming continually; 2 to 3 feet high.

Pkt., 5c.

**Nicotiana (Flowering Tobacco)—Con.**

**Sanderae (Giant Red Flowered).**—The foliage is luxuriant and tropical in appearance; plants surmounted with immense clusters of rich crimson flowers; 5 feet.

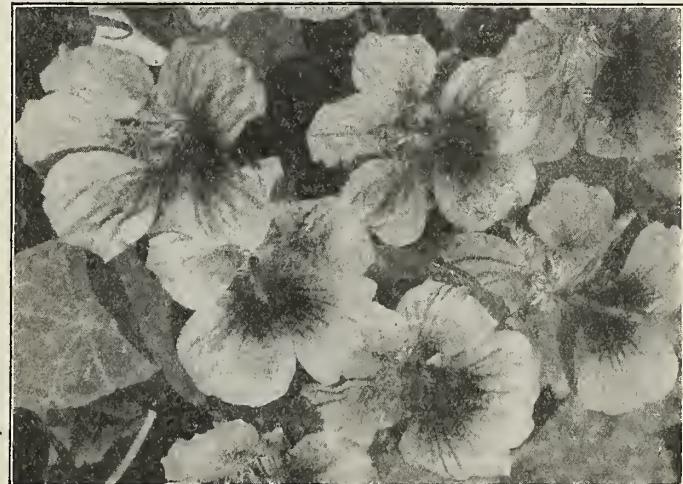
Pkt., 5c.

**Sanderae Hybrids.**—Bears its brilliant flowers on bushy, many branching plants, 2 feet high. It will give a continuous display of bloom all the summer and autumn in the open ground. Mixed colors.

Pkt., 10c.

**Nasturtium (Tropaeolum) (A)**

A great variety of soft and pleasing colors. The seed we offer is a selected strain and mixed in proper proportions so that our customers may be assured of having all the effective shades of pink, rose, scarlet, crimson, brick, claret, chocolate, brown, garnet, orange, primrose, yellow and white. Seed may be planted one inch deep, early in April, in any convenient place, and the plants when large enough transplanted to their permanent places.



	Tall Varieties	Oz.	Pkt.
<b>Chameleon.</b> —Different colors on one plant.	.....	\$0.20	\$0.05
<b>King Theodore.</b> —Crimson Maroon	.....	.20	.05
<b>Pearl.</b> —Creamy Yellow	.....	.20	.05
<b>Prince Henry.</b> —Pale Yellow, Carmine blotches	.....	.20	.05
<b>Rose.</b> —Rose color	.....	.20	.05
<b>Vesuvius.</b> —Rich deep Apricot	.....	.20	.05
<b>Choice Mixed</b> ..... 1 lb. \$1.50; $\frac{1}{4}$ lb., 50c.;	.15	.05	

**Tom Thumb or Dwarf Varieties**

	Tom Thumb or Dwarf Varieties	Oz.	Pkt.
<b>Chameleon.</b> —Different colors on one plant	.....	\$0.20	\$0.05
<b>Crystal Palace Gem.</b> —Orange, yellow, garnet blotches	.....	.20	.05
<b>Empress of India.</b> —Crimson	.....	.20	.05
<b>King of Tom Thumbs.</b> —Scarlet	.....	.20	.05
<b>Prince Henry.</b> —Pale Yellow, Carmine blotches	.....	.20	.05
<b>Rose.</b> —Rose color	.....	.20	.05
<b>Choice Mixed</b> ..... 1 lb. \$1.50; $\frac{1}{4}$ lb., 50c.;	.15	.05	

*Giant Perfection Pansy*

See Page 58.

**Pansy (B)**

Pansies delight in a cool, moist soil and a situation that protects them from cutting winds as well as the midday sun. To obtain large flowers early in spring, seed should be sown in July or August and the plants protected with a frame during winter. Spring sown seed does very well, although the flowers produced are not so large.

**Giant Pansies, Separate Colors**

	Oz.	$\frac{1}{4}$ oz.	Pkt.
<b>White</b>	\$1.50	\$0.50	\$0.10
<b>Yellow</b>	1.50	.50	.10
<b>Black</b>	1.50	.50	.10
<b>Light Blue</b>	1.50	.50	.10
<b>Dark Blood Red</b>	1.50	.50	.10
<b>Fire King</b> .—Golden yellow and purple.	1.50	.50	.10
<b>Lord Beaconsfield</b> .—Lavender and purple.	1.50	.50	.10

**Giant Pansies, Mixed Colors**

	Oz.	$\frac{1}{4}$ oz.	Pkt.
<b>Choice Mixed</b>	\$1.00	.30	.10
<b>Giant Trimardeau</b> .—Very large flowering; all colors mixed.	1.25	.40	.10

**Perfection Mixed—Exhibition Strain**

A high grade mixture of giant varieties from the leading Pansy specialists both at home and abroad; for size, texture, and colors, it cannot be beaten.

Oz., \$6.00;  $\frac{1}{4}$  oz., \$1.75; Pkt., 25c.

**Petunias (A)**

Petunias are one of the most popular annuals on account of their ease of cultivation and freedom of blooming, succeeding everywhere and giving a constant supply of flowers from June to October. They are also good house plants, flowering freely in a sunny window. Seed can be sown in the open ground early in the spring or in a hot bed or cold frame, to be transplanted later to beds or borders. Height 1 to  $1\frac{1}{2}$  feet.

**Large-Flowering Petunias**

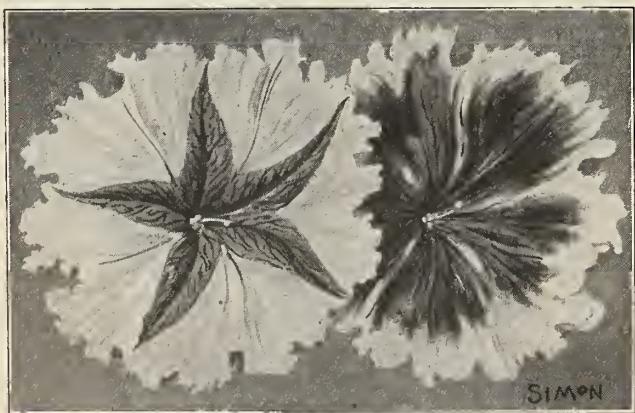
**Brilliant Carmine Rose**.—Fine for bedding. Pkt., 10c.

**Howard's New Star**.—Dark Crimson maroon, with rich, velvety texture and clearly defined five-rayed star of bluish white. Over 80 per cent. of the plants from seed will produce star markings. Pkt., 10c.

**Rosy Morn**.—Soft carmine pink with white throat; makes a very dainty and at the same time an effective border. Pkt., 10c.

**Hybrid Snowball**.—A very dwarf variety, with beautiful, large, satiny-white flowers. Pkt., 10c.

**Choice Single, Mixed**.—A splendid strain of small-flowering sorts in great variety of colors.  $\frac{1}{4}$  oz., 30c.; pkt., 5c.



*Giant Fringed Petunias.*

**Single Fringed Finest Mixed**.—A strain of incomparable beauty and luxuriance. Flowers most varied in colors and markings, beautifully ruffled, fringed and of enormous size. Pkt., 25c.

**Double Fringed Mixed**.—A fine strain of large flowering double fringed varieties. Pkt., 25c.

**Portulaca "A" (Sun Plant)**

Beautiful little plants which will bloom profusely all summer. Their richly-colored flowers make an effective and brilliant display when planted in large beds and masses. Hardy annual,  $\frac{1}{2}$  foot.

**Grandiflora**.—**Single mixed**.  $\frac{1}{4}$  oz., 20c.; pkt., 5c.

**Grandiflora**.—**Double mixed**, producing a large percentage of double flowers.  $\frac{1}{4}$  oz., 75c.; pkt., 10c.

**Phlox "A"**

Phlox makes a magnificent show in beds and masses where their brilliant and varied colors produce a gorgeous effect. Very easily raised and afford a bright display of flowers all through the summer. Sow seed in the open ground in the spring. A light soil is best.

Both kinds named below are of the improved "Grandiflora," or large-flowering strain, which produce much larger flowers than the old kind.

**Drummondii Grandiflora**

**Brilliant Scarlet**.—Flowers large and of an intensely brilliant scarlet color.  $\frac{1}{4}$  oz., 35c.; pkt., 10c.

**Pink**.—Large flowers, light pink.  $\frac{1}{4}$  oz., 35c.; pkt., 10c.

**Pure White**.—Large flowers.  $\frac{1}{4}$  oz., 35c.; pkt., 10c.

**Mixed Colors**.—A great variety of the most brilliant colored and beautifully marked flowers. A bed or border of these phlox is a beautiful sight.  $\frac{1}{4}$  oz., 30c.; pkt., 10c.

**Dwarf Varieties (Nana Compacta)**

These are much superior to the other Phloxes for ribbon bedding or border. The plants grow in neat little bushes, about 8 inches high, covered with flowers during the whole summer and fall, as large as those of the Drummondii and as easy to grow.

**Dwarf Chamois Rose**.—Delicate pink.  $\frac{1}{4}$  oz., 60c.; pkt., 10c.

**Dwarf Snowball**.—Flowers pure white; the plants resemble large snowballs when in full bloom.  $\frac{1}{4}$  oz., 60c.; pkt., 10c.

**Dwarf Fireball**.—Glowing, brilliant scarlet.  $\frac{1}{4}$  oz., 60c.; pkt., 10c.

**Dwarf Coccinea**.—Brilliant rose color.  $\frac{1}{4}$  oz., 60c.; pkt., 10c.

**Dwarf Phlox in Mixture**.—Ten colors in choicest mixture.  $\frac{1}{4}$  oz., 50c.; pkt., 10c.

**Hardy Perennial Phlox**

**Decussata (Hardy Phlox)**.—One of the finest perennials, producing large heads of colored flowers, blooming in August and September.

**Finest Mixed** .....  $\frac{1}{4}$  oz. Pkt. \$0.50 \$0.10

**Poppies (A)**

Annual and perennial plants of very easy culture, which furnish some of the most brilliant colors in the garden. Being very hardy, they can be sown as early in the spring as the ground is in working order and the annual varieties will flower from June on for some weeks. The perennial Oriental Poppy does not flower from seed the first year.

**Paeony Flowered Double Mixed**

Large double flowers resembling a double Paeony. **Choice mixed colors**. Oz., 25c.; pkt., 5c.

**Double Carnation Flowered**

A very showy fringed variety. **Choice mixed colors**. Oz., 25c.; pkt., 5c.

**New Single Poppy, Flanders Fields**

This is the scarlet poppy which is found growing on the battle-fields of Flanders, an intense scarlet.  $\frac{1}{4}$  oz., 25c.; Pkt., 10c.

**Shirley**.—The very finest strain of single Poppies. All colors from white to deep scarlet. Oz., 50c.; pkt., 10c.

**Single Mixed**.—Varied assortment, all colors. Oz., 25c.; pkt., 5c.

**Double Mixed**.—Varied assortment, all colors. Oz., 25c.; pkt., 5c.

**Hardy Perennial Poppies**

**Oriental (P)**.—This is extremely hardy and once established lasts for years. It produces immense single flowers four inches across and flowers in early summer. Sow the seed thinly, early in the spring, and leave the plants until September before moving them to the permanent garden.

**Hybrids Choice Mixed** .....  $\frac{1}{4}$  oz., 40c.; pkt., 10c.

**Iceland (Nudicaule) (P)**.—A mixture of choice colors, blooming the first year if sown early in the spring. Height 1 foot. Pkt., 10c.

**Primula (Primrose)**

This is one of the most charming winter flowering house plants, and one that is entirely free from insect pests. Our seed has been specially grown for us by the most celebrated English Primula specialists. The flowers are remarkable, not only for size, beauty and brilliancy of the colors, but for the great substances of the petals.

**Chinese Stellata**.—Star-like flowers, borne in clusters, producing a large variety of colors; plants are very graceful and fine for winter flowering.

**Finest Mixed** ..... Pkt. 25c.

**Primula Malacoides**

An introduction from China that has proved itself to be one of the freest-flowering species for pots yet introduced. Seeds sown in February produce plants that will bloom from May till July, while by sowing in August it can be had in flower throughout the winter months. Flowers are a delicate shade of lilac. A fine window or greenhouse plant.

<b>Malacoides.</b> —Lilac.....	Pkt. 15c.
<b>Malacoides Superba.</b> —Mixed Colors.....	15c.

**Primula Obconica (Japanese Primrose)**

A profuse blooming Primrose, bearing on long stems, heads containing from 10 to 15 flowers. It thrives in a cool house, and will grow in favor with those desiring plants that will grow easily.

**Obconica Grandiflora.**—The flowers are often 1 inch in diameter and thrown well above foliage, making it very attractive.

Pkt., 15c.

**Pyrethrum**

Very ornamental, both foliage and flowers. Well adapted for bedding and borders. Sow outdoors in spring as soon as ground can be worked, or for best results start seed indoors and transplant after danger from frost is past.

**Parthenifolium Aureum (Golden Feather).**—Beautiful dwarf gold-leaved bedding plant. Flowers white. Half hardy perennial, often treated as an annual; height, 1 foot. Oz., 30c.; pkt., 5c.

**Hybridum Single Mixed.**—Large flowers ranging in color from light pink to deep red, with bright yellow centres, 2 feet. Pkt., 10c.

**Ricinus (Castor Bean) (A)**

Stately, strong growing plants, with very ornamental foliage, well adapted as centre plants of groups of Cannas, Dahlias, etc. Moles are troublesome in many gardens, but they may be kept away by planting Castor Beans in the borders.

**Zanibariensis Mixed.**—10 to 12 feet. The ornamental leaves, beautifully lobed, are 2½ to 4 feet across. Each plant makes a perfect pyramid of foliage thickly set from top to bottom.

**Mixed.**—Many sorts. ¼ lb., 50c.; oz., 15c.; pkt., 5c.

**Salpiglossis Superbissima Giant Strain**

A giant strain of this beautiful and popular garden annual. The immense, Petunia-like flowers are borne on dwarf sturdy branching plants, not exceeding 24 inches in height, that do not require staking. The colors, red, blue, yellow, pink, etc., in various shades, are intricately netted, pencilled and veined with golden-yellow or other colors. They are of the easiest culture and flower profusely during the summer. The long-stemmed flowers are fine for decoration.

	1/4 oz.	Pkt.
<b>Purple and Gold.</b> .....	\$0.50	\$0.10
<b>Rose and Gold.</b> .....	.50	.10
<b>Scarlet and Gold.</b> .....	.50	.10
<b>White and Gold.</b> .....	.50	.10
<b>All Colors Mixed</b> .....	.40	.10

**Salvia (A)  
(Flowering Sage)**

Very ornamental plants, for summer and autumn flowering; bloom in spikes, and continuing to bloom in the open ground until hard frost, forming compact bushes, which are literally ablaze with brilliant flowers. While tender perennials, they bloom like annuals the first season from seed. The plants may be started in a box in the house, or in the hot-bed, and when the weather becomes warm transplant in the garden. May be used as a hedge with striking effect.

**Splendens Grandiflora (Scarlet Sage).**—Gorgeous plants, numerous spikes of intensely vivid scarlet; flowers 10 to 12 inches in length. Continues to flower profusely all summer and fall. Of easy growth. The most popular *Salvia* in cultivation. Oz., \$2.00; ¼ oz., 60c.; pkt., 10c.

**Bonfire.**—Plants form sturdy bushes about two feet high by two feet across. Spikes grow erect and stand clear above the foliage, completely covering the plant, and are of a most brilliant, dazzling scarlet. One of the finest sorts. Oz., \$2.50; ¼ oz., 75c.; pkt., 10c.



*Salvia*

**Scabiosa (H. A.) (Mourning Bride)**

Fine free-blooming plants for mixed borders and excellent for cutting. Flowers borne on long, erect stems, in globular heads in colors of nearly white to dark purple maroon. Height, 2 to 2½ feet.

**Grandiflora.**—Finest Mixed.

¼ oz., 20c.; pkt., 5c.

**Scarlet Runner Beans (Flowering)**

Popular ornamental climbers, with edible pods of delicious flavor, 6 to 8 feet.

Pt., 25c.; Pkt., 5c.

**Schizanthus (Butterfly Flower)**

Very beautiful and showy, hardy annuals, fine for beds and borders in the summer garden; grown in pots in early spring in the greenhouse they become elegant foliage plants, with masses of flowers, 1 to 2 feet.

**Wisetonensis.**—Finest Mixed.—One of the finest large flowered sorts, with graceful fern-like foliage and a profusion of flowers varying from almost white with yellow eye to brilliant rose with bronzy brown centre. A really beautiful subject for the flower border from seed raised in February and for winter decoration in greenhouse from seed raised in May and June.

Pkt., 15c.

**Smilax (Myrsiphyllum)**

Perennial climber, with dark, glossy foliage and small white flowers, splendid for greenhouse or conservatory; 6 to 10 feet.

**Smilax Asparagoides.**—(Boston Smilax)..... 10c.

**Sweet Rocket (P)**

A very interesting, useful and free-flowering plant. Blooms early; it remains beautiful for a long time in beds, etc.; is much admired for the fragrance of its flowers.

1/4 oz. Pkt.  
\$0.15 \$0.05

**Mixed Colors**.....

**Sweet William (P)  
(Dianthus Barbatus)**

A universally admired perennial flower that when once started will last for years. Sow the seed in the open ground in the spring or fall.

**Perfection Single Fine Mixed.**—Large flowers of many beautiful colors and markings. Oz., 30c.; ¼ oz., 15c.; pkt., 5c.

**Perfection Double Mixed.**—A fine mixture of double varieties. Oz., 60c.; ¼ oz., 20c.; pkt., 10c.

**Latifolius Atrococcineus, Fl. Pl.**—Everblooming hybrid Sweet William in a mixture of colors, blooms all summer, and is hardy. ¼ oz., 40c.; pkt., 10c.

INOCULATE THIS  
SEED WITH  
MULFORD CULTURE

## SWEET PEAS

INOCULATE THIS  
SEED WITH  
FARMOGERM

Culture.—Ordinary good garden soil is suitable for Sweet Peas. The ground should be well drained to avoid water lying too long and becoming sour.

Soil prepared as for vegetables produces fair results, but a little more care will repay the planter. It is well to cultivate and prepare the ground in the fall, supplying at this time a good amount of stable manure and bone meal.

Select for a location in your garden a place open and airy and which receives the sun all day.

Seed should be sown in trenches about 4 inches deep and covered to a depth of two inches, still allowing the centre of the trench to remain at least two inches below the level of the ground, that water may be retained.

In case of dry weather, constant watering is necessary and a mulch of lawn clippings will keep the roots cool.

When the vines are up about 6 inches high, staking with brush or trellis should be attended to at once. One ounce of seed is sufficient to plant 20 feet of drill.

To obtain the best results, the seeds should be inoculated with Nitrogen Gathering Bacteria which will prolong their blooming period and at the same time produce an abundance of larger and better blooms on longer stems.



*Sweet Peas, Giant Orchid Flowering (Spencer)*

### Stocks (A) (Gilliflower)

The Stocks represent all the desirable qualities of a flower. The plants have good habits, fine dull or glossy leaves. The flowers appear on long, stiff stalks like small rosettes, are exceedingly fragrant and range through a most complete scale of all the soft and distinct shades.

**Large Flowering Ten Weeks.**—A splendid early-blooming variety extensively used for pot culture and for summer bedding. 1 foot.

$\frac{1}{4}$  oz. Pkt.

Light Pink . . . . .	\$0.60	\$0.10
Deep Red . . . . .	.60	.10
Dark Blue . . . . .	.60	.10
Snow White . . . . .	.60	.10
Mixed . . . . .	.50	.10

### Bacterias for Inoculating Sweet Peas

Mulford Cultures . . . . .	Trial size . . . . .	35c.
Farmogerm . . . . .	" " . . . . .	50c.
Humogerm . . . . .	" " . . . . .	25c.

Postage Extra 5c. each variety.

### Orchid Flowered or Spencer Varieties

The following varieties we can recommend as being the best of their respective colors, each one being distinct. The flowers, which are borne on long stems, are large, wavy and free flowering:

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
<b>Apple Blossom.</b> —Pink and White . . . . .	\$0.10	\$0.35	\$1.15	\$3.75
<b>Asta Ohn.</b> —Lavender . . . . .	.10	.35	1.15	3.75
<b>Barbara.</b> —Orange Scarlet . . . . .	.10	.35	1.15	3.75
<b>Captain of the Blues.</b> —Blue and Purple . . . . .	.10	.35	1.15	3.75
<b>Countess Spencer.</b> —Clear Pink . . . . .	.10	.35	1.15	3.75
<b>Constance Hinton.</b> —Large White . . . . .	.10	.35	1.15	3.75
<b>Elfreda Pearson.</b> —Light Pink . . . . .	.10	.35	1.15	3.75
<b>Hercules.</b> —Rose Pink . . . . .	.10	.35	1.15	3.75
<b>King Edward VII.</b> —Deep Scarlet . . . . .	.10	.35	1.15	3.75
<b>Mrs. Routzan.</b> —Buff Pink . . . . .	.10	.35	1.15	3.75
<b>Primrose.</b> —Light Yellow . . . . .	.10	.35	1.15	3.75
<b>Wedgewood.</b> —Silvery Blue . . . . .	.10	.35	1.15	3.75
<b>Spencer Mixed.</b> —An extra fine mixture of the choicest named sorts . . . . .	.10	.25	.75	2.50

### Grandiflora Varieties

The following are of the choicest sorts, each variety being distinct and while not as large as the Spencer type, bloom more profusely. This collection is one of the best that can be selected.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
<b>Black Knight.</b> —Maroon . . . . .	\$0.05	\$0.15	\$0.50	\$1.75
<b>Blanche Burpee.</b> —Pure White . . . . .	.05	.15	.50	1.75
<b>Blanche Ferry.</b> —Pink and White . . . . .	.05	.15	.50	1.75
<b>Dorothy Eckford.</b> —Large White . . . . .	.05	.15	.50	1.75
<b>Flora Norton.</b> —Lavender . . . . .	.05	.15	.50	1.75
<b>Prima Donna.</b> —Lovely Soft Pink . . . . .	.05	.15	.50	1.75
<b>King Edward VII.</b> —Crimson Scarlet . . . . .	.05	.15	.50	1.75
<b>Lady Grisel Hamilton.</b> —Pale Lavender . . . . .	.05	.15	.50	1.75
<b>Lord Nelson.</b> —Rich Navy Blue . . . . .	.05	.15	.50	1.75
<b>Miss Willmott.</b> —Deep Orange Pink . . . . .	.05	.15	.50	1.75
<b>Queen Alexandra.</b> —Large scarlet . . . . .	.05	.15	.50	1.75
<b>Grandiflora Mixed.</b> —From the best named varieties . . . . .	.05	.15	.40	1.25

### Thunbergia (Black-eyed Susan)

Free-flowering handsome climber, of rapid growth; the beautiful foliage and showy flowers are both greatly admired. The colors are delicate and beautiful. Splendid for hanging baskets or window boxes.

**Finest Mixed . . . . .** Pkt., 10c.

### Torenia

**Fournieri Grandiflora.**—10 in. bushy globular plants, literally covered with lovely richly colored, snapdragon-like flowers of a delightful sky-blue. They are excellent for beds, pots or hanging baskets.

**Blue Color . . . . .** Pkt., 10c.

**Verbena (H. A.)**

One of the finest bedding plants and also suitable for borders; with its heads of brilliant colored flowers, producing one mass of bloom throughout the summer. Seeds may be sown in March or April indoors and planted out when weather permits; succeeding well in any good garden soil.

**Perfection Mammoth Varieties**

	Oz.	1/4 oz.	Pkt.
Pink . . . . .	\$1.50	\$0.40	\$0.10
White . . . . .	1.50	.40	.10
Blue . . . . .	1.50	.40	.10
Scarlet . . . . .	1.50	.40	.10
Choice Mixed . . . . .	1.00	.30	.05

**Vinca (Periwinkle or Old Maid)**

Splendid tender perennials with luxuriant dark green foliage and round single flowers that bloom freely all summer. Excellent for summer bedding and pot culture. 1 foot.

	1/4 oz.	Pkt.
Mixed Colors . . . . .	\$0.30	\$0.05

**Zinnia (Youth and Old Age) (A)**

Splendid hardy annuals, succeeding well in any soil and making a brilliant show. The same flowers will retain their beauty for weeks, and a profusion will be produced until frost.

**Giant Flowering Double Zinnias**

A distinct and splendid class of this ever-popular flower, producing extra large, double blooms, 2½ feet.

1/4 oz. Pkt.

Giant Flesh Color . . . . .	\$0.50	\$0.10
Giant Scarlet Color . . . . .	.50	.10
Giant Sulphur Yellow . . . . .	.50	.10
Giant Salmon Pink . . . . .	.75	.10
Giant Purple . . . . .	.50	.10
Giant White . . . . .	.50	.10
Collection of a packet each of the above 6 colors . . . . .	.50	
Giant Perfection Mixed . . . . .	.40	.10

**New Double Dahlia Flowered Zinnias**

This new strain is very vigorous, producing large flowers similar to a Decorative Dahlia, and averaging 6 inches in diameter, on plants growing fully 3 feet high. The colors range from white to dark red and include shades of cerise, salmon pink, old rose, etc.

All Colors Mixed . . . . . 1/4 oz., 75c.; Pkt., 15c.

**Double Giant Picotee Zinnias**

This remarkable new and distinct class was first produced in 1916 from flesh color with each petal distinctly tipped with dark chocolate color, and from this variety have been produced the following colors, White, Yellow, Red, Orange, Flesh, Lemon, Pink and Cerise; all tipped with darker shades, giving the flowers a very attractive and pleasing appearance, resembling Picotee Carnations. This fine novelty has been pronounced by all who have seen it to be the most attractive thing in Zinnias.

Picotee Perfection Mixed . . . . . 1/4 oz., 60c.; pkt., 15c.

**Curled and Crested Zinnias**

Height 2 feet. A choice strain of this interesting variety. The petals are twisted and curled in such a manner as to give the appearance of a fine-petaled cactus dahlia.

All Colors Mixed . . . . . 1/4 oz., 30c.; pkt., 10c.

**Dwarf Double Zinnias**

More compact and neater habit than the tall varieties. 15 inches.

1/4 oz. Pkt.

Choice Mixed . . . . . \$0.25 \$0.10

**Wallflower (Goldlack) (P) 1½ ft.**

Wallflowers should be better known. Their adaptability for pot culture and outdoor bedding and the peculiar sweet fragrance of their flowers should win favor. The Oriental coloring of the flowers in their rich reds and yellows is very effective. They are easily grown and last long as cut flowers. Not hardy in the Northern States; should be wintered in cold frames.

Double Mixed . . . . . 1/4 oz., 30c.; pkt., 10c.

Single Flowered Mixed . . . . . Oz., 25c.; pkt., 5c.

**Wild Garden Mixture**

Those who cannot give the constant care necessary for finely arranged flower beds will find the "Wild Garden" a delightful substitute, with its constant and ever varying bloom. Such a flower bed is a continual surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Thin out where plants are crowded and keep clear of weeds. A splendid mixture of beautiful free-blooming annuals.

Oz., 25c.; pkt., 5c.

**Xeranthemum (Immortelle)**

One of the best of the everlasting flowers. A choice mixture of colors, including purple, light rose and white, very showy in the garden, and can be dried for winter bouquets. Height 3 feet.

Per pkt., 10c.

## SPECIAL COLLECTIONS OF FLOWER SEEDS

Below will be found a list of collections of Flower Seeds which has been compiled to meet our customers' needs, and which we feel sure will give entire satisfaction:

**Summer Flowering Annuals.**—Six separate varieties. 40c. per collection.

**Summer Flowering Annuals.**—Twelve separate varieties, 75c. per collection.

**Old-Fashioned Annuals.**—Six separate varieties, 40c. per collection.

**Old-Fashioned Annuals.**—Twelve separate varieties, 75c. per collection.

**Climbing Annuals.**—Six separate varieties, 40c. per collection.

**Hardy Perennials.**—Six separate varieties, 40c. per collection.

**Tom Thumb Nasturtiums.**—Six separate varieties, 25c. per collection.

**Tall Nasturtiums.**—Six separate varieties, 25c. per collection.

**Sweet Peas, Grandiflora Variety.**—Six separate varieties, 25c. per collection.

**Sweet Peas, Orchid Flowered.**—Six separate varieties, 50c. per collection.

## CHOICE SELECTED FRENCH CANNAS

Cannas do well in almost any kind of soil, but they will repay liberal treatment. For the best results they should be planted in good loam that has been well mixed with an abundant supply of well rotted stable or other manure. The beds should be spaded 2 feet deep or more, and the soil well pulverized. Water should be applied abundantly at all times, but good drainage is essential.

Cannas are most effective when planted in masses; either alone or in combination with salvia (scarlet sage) and bordered with coleus or other dwarf-growing bedding plants. They are also frequently used with some of the tall-growing ornamental grasses, with which striking combinations can often be secured. They do best in sunny situations, and should be set out about 2 feet each way.

### Perfection Collection of Giant Cannas Green Foliage Varieties

**Allemania.**—Orchid flowering, bright scarlet with broad and irregular yellow border beautifully mottled and variegated 5 feet. 15c. each; \$1.50 per doz.

**City of Portland.**—Flowers of the largest size, borne on heavy trusses. The color is a glowing shade of pink. A vigorous green foliage variety. Height 3½ feet, 20c. each; \$2.00 per dozen.

**Gladiator.**—Bright yellow spotted red, very effective. Height, 5 feet. 15c. each; \$1.25 per doz

**Eureka.**—The best white Canna for all purposes. The large substantial flowers are freely produced on strong vigorous plants 4 feet. 20c. each; \$2.00 per doz.

**Panama.**—Rich orange red, with a well defined edge of bright golden yellow. The flowers are very large, borne in heavy erect trusses, very showy. Height, 3 feet. 15c. each; \$1.25 per doz.

**Pennsylvania.**—Large orchid flowered. Color scarlet overlaid with orange. A fine variety. Height, 6 ft. 15c. each; \$1.25 per doz.

**Queen Helene.**—The Yellow King Humbert. Golden yellow, producing a large truss of bloom, occasionally streaked red. Height 4½ feet. 15c. each; \$1.25 per doz.

**The President.**—This Canna is superior to any other red variety in quality and also the quantity of bloom. Color rich glowing scarlet, and the immense flowers are produced on strong erect stalks, well above the large rich green foliage. The best introduction in recent years. Height, 4 feet. 20c. each; \$2.00 per doz.

**Venus.**—Rosy pink with creamy yellow border mottled with pink a very desirable variety 4½ feet. 15c. each; \$1.50 per doz.

### Bronze Foliage Varieties

**King Humbert.**—This is certainly the king of all bronze-leaved Cannas. It produces giant flowers of a brilliant orange-scarlet and these combined with its beautiful bronze foliage have made this variety the sensation of the past few years. It is a hybrid of the Orchid-flowering and French or Crozy type and has all the merits of both. Either as specimen plants or in beds, this beautiful variety shows its superiority over all other kinds; 5 feet. 15c. each; \$1.25 per doz.

**Shenandoah.**—Salmon pink flowers borne in large clusters foliage rich ruby red 4 ft. 15c. each; \$1.50 per doz.

**Wyoming.**—Immense umbels of massive orange flowers; bronze-purple foliage. A splendid bedder; 7 feet. 15c. each; \$1.25 per doz.



Canna

The varieties we offer of Tall and Dwarf large flowering French Cannas are in dormant roots only. Six Cannas of a variety at dozen rates; 25 of a variety at 100 rates.

Add 10c. per dozen for postage on Canna Roots. We also ship by express at purchaser's expense.

## HARDY JAPANESE LILIES

Hardy lilies may be grown in any good garden soil, but do best when planted in soil that has been well mixed with a liberal quantity of sand and leaf mold. When planting, a liberal quantity of sand should be put under each bulb to insure perfect drainage. During the winter months a top dressing of leaves will be found beneficial.

Postage extra. 5c. on single bulb. One dozen bulbs, packed, weighs 3 pounds.

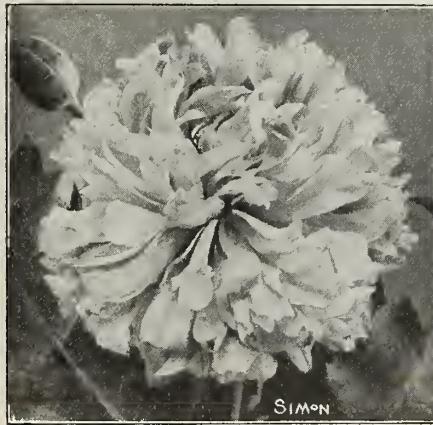
**Auratum** (Golden Banded Lily of Japan).—Pure white, spotted crimson; each petal is marked with a band of yellow. Large bulbs. Each, 30c.; doz., \$3.00; 100, \$25.00.

**Speciosum Album**.—The best flowering pure white hardy garden lily, of easy culture. Height, 4 feet; blooms August and September. Large bulbs. Each. 30c.; doz., \$3.00; 100, \$25.00.

**Speciosum Rubrum or Roseum**.—Delicate pink, almost white, spotted red; height, 3 feet; August and September. Large bulbs. Each, 30c.; doz., \$3.00; 100, \$25.00.

### Old-Fashioned Tiger Lilies

**Splendens (Single)**.—Mammoth bulbs. Each, 20c.; doz., \$2.00; 100, \$17.50.



### Double Herbaceous Paeonies

Double Paeonies are too well known to require description. Their popularity is due to the great improvement in them in recent years, their easy culture, the handsome appearance of the plant, and the brilliant and striking effect of their massive, finely formed and richly colored flowers. The attention given to them, in Europe and in America has resulted in the production of many notably fine new varieties. Among hardy, herbaceous perennials, the Chinese paeonies rank about first for lawn or flower border, or shrubbery decoration.

Paeonies require a sunny location and should be planted in good rich soil, care being taken that the crowns are covered with not more than 2 inches of soil. If wanted by Parcel Post add postage; weight 3 lbs. per dozen.

**Albert Crousse**.—Flesh pink center, shaded clear pink, large full flower late. Each, 50c.; doz., \$5.00

**Duchess De Nemours**.—Outside petals white, center lemon yellow. Each, 50c.; doz., \$5.00.

**Felix Crousse**.—Brilliant red large anemone ball shaped blooms, one of the best red varieties. Each, 50c.; doz., \$5.00.

**Festiva Maxima**.—Very large pure white with few center petals; usually tipped pink; a handsome variety. Each, 50c.; doz., \$5.00.

**Louis Van Houtte**.—Rich deep crimson, petals tipped with silver. Each, 50c.; doz., \$5.00

**Madam Calot**.—A large and full variety, early and fragrant, color pale hydrangea pink, fine cut flower. Each, 50c.; doz., \$5.00

**Queen Victoria**.—Pure white with creamy white center. One of the popular varieties. Each, 50c.; doz., \$5.00

**Reine des Fleurs**.—Clear pink very large full flower an excellent variety. Each 50c.; doz., \$5.00

**Victoire Tricolor**.—Bright lively violet rose with salmon pink center, a fine variety. Each, 50c.; doz., \$5.00

## LIBERTY IRIS OR LILIES OF FRANCE

This variety of Iris is an improvement over the Germanica varieties, and the selection we offer includes some of the very best varieties of their class. They should be planted in a sunny location, the soil being well drained, avoiding the use of fresh stable manure.

If wanted by parcel post, add 10c. per dozen.

**Brookiana**.—Light pink large flower. Each, 20c.; doz. \$2.00

**Helge**.—Lemon yellow with pearl shading. Each, 20c.; doz., \$2.00

**Ingleborg**.—Pure White very large flower. Each, 20c.; doz., \$2.00

**Niebelungen**.—Fawn Yellow standards, falls violet purple with creamy white edge. Each, 20c.; doz., \$2.00

**Pallida Dalmatica**.—One of the finest of the Liberty Iris. A strong grower, with large and fragrant flowers, standards lavender falls shaded blue. 20c. each; \$2.00 per dozen.

**Walhalla**.—Standards light bluish lavender, falls violet purple. 20c. each; \$2.00 per dozen

### Choice Mixture of Named Varieties.

15c. each; \$1.50 per dozen.

### Caladium (Elephant's Ears)

A very effective plant, and suitable for a single plant on the lawn masses in beds, or for margins of water, its leaves often attaining the length of 2 feet by 20 inches wide. First size, 5c. each; 50c. per doz.; medium size, 10c. each; \$1.00 per doz.; extra large bulbs, 25c. each; \$2.50 per doz.; by express. Add 5c. per bulb if wanted by mail.

### Cinnamon Vine

A beautiful hardy climber for anything on which the vines can twine; it grows from 15 to 30 feet and when established the vines attain a much greater length. The leaves are green, thick and glossy, always clean, healthy and free from insects. The white flowers, while insignificant, emit a delightful cinnamon-like perfume. The roots remain in the ground for years, increasing in size and vigor, but the vine dies down every winter. Price, extra large, 2-year-old roots, 10c. each; \$1.00 per doz.; \$7.00 per 100. Add 10c. doz. if wanted by mail.

### Madeira Vine

Rapid-growing vine; easy to grow; light green leaves; bears small, white, feathery fragrant flowers; free from insect pests of all kinds. Each, 10c.; 6 for 50c.; doz., \$1.00; 100 at \$7.00. Add 10c. doz. if wanted by mail. If by express at purchaser's expense.

### Double Pearl Tuberose

One of the most delightfully fragrant and beautiful summer-flowering bulbs. Its waxy-white flowers are the sweetest-scented that grow. The growing plant is fond of light and heat and should not be planted outside before May 1st. Each, 5c.; doz., 50c.; per 100, \$3.50. Add 10c. per doz. if wanted by mail. If by express at purchaser's expense.

## SIMON'S SELECT DAHLIAS

**Cultural Notes.**—Dahlias should be grown in a well-drained position where they will receive the benefit of the sun the greater part of the day. Dahlias will grow in almost any kind of soil with the exception of stiff clay, in which case it is advisable to work in ashes or sand to make it friable. To get the best results the soil should be dug about 18 inches deep and a liberal quantity of well-rotted stable manure worked in or sheep manure and bone meal can be used to advantage. The soil should be cultivated regularly during the growing season and the plants well supplied with water. A covering of loose material applied to the roots during the excessive dry and hot weather will be beneficial to the plants. After the plants are killed by first frosts the roots should be dug and stored in a cool cellar away from furnace heat.

### The Perfection Collection of New and Rare Dahlias

The following list which has been selected from the different types is worthy of every flower lover's attention who wants a selection of high-grade varieties. The collection is comprised of recent introductions of great merit and we feel confident that they will give satisfaction.

Add 5c per clump if wanted by mail; by express at purchaser's expense.

#### **Attraction**

A fine hybrid cactus variety, color silvery lilac rose, flowers are large with long stiff stems. **75c.** each.

#### **Carter Breck**

Hybrid cactus, very bright and effective, yellow at base of petals shading to tyrian rose, a splendid variety. **\$1.00** each.

#### **Hortulanus Fiet**

One of the best decorative varieties. Color creamy salmon shading to soft yellow large and free flowering. **\$1.00** each.

#### **F. W. Fellows**

One of the finest Autumn shade cactus varieties; flowers of large size composed of long narrow incurved petals of a lively orange scarlet. **75c.** each.

#### **Ida Fries**

A choice new paeony variety bright plum color tipped lighter, vigorous grower and free bloomer. **\$1.00** each.

#### **Kathryn Donges**

A choice new hybrid cactus variety. Color light yellow tinting to cream at the tips of petals, a gigantic flower on long stiff stems a strong vigorous grower of immense size and of fine form. **\$5.00** each.

#### **Kalif**

A very handsome cactus variety of exceptional merit; color pure scarlet, a strong vigorous grower producing giant flowers on long stiff stems. **75c.** each.

#### **Mary Dorr**

Choice new cactus variety, color deep amaranthus pink with white tips and center. Beautiful incurved petals, a splendid bloomer on long stiff stems. **\$2.00** each.

#### **Mrs. J. Harrison Dick**

One of the most valuable decorative varieties of recent introduction, color citron yellow at the center, outer petals suffused and overlaid salmon pink, a lovely and effective combination especially under artificial light. **\$1.00** each.

#### **Mrs. S. L. Austin**

A large new white hybrid cactus variety of exceptional merit, strong vigorous grower, producing large flowers on long stiff stems. **\$2.00** each.

#### **Mrs. F. F. Schock**

Large decorative variety of splendid form. The flowers, which are borne on long stiff stems, are picric yellow at the base of petals blending to almost pomegranate purple at the tips, a vigorous grower producing an abundance of blooms till frost. **\$1.00** each.

#### **Mrs. J. C. Moran**

Large flowering decorative variety producing a profusion of blooms of fine form on strong erect stems, color soft lilac shading white. **50c.** each.

#### **Niebelungenhort**

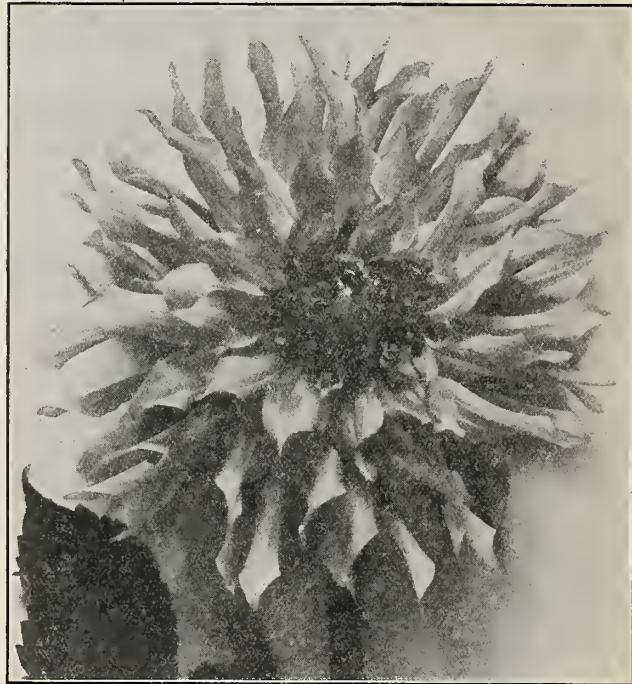
A fine exhibition cactus variety. Color rich golden apricot suffused old rose, a strong vigorous grower, producing immense flowers on long stiff stems. **75c.** each.

#### **Patrick O'Mara**

This sensational new decorative dahlia has been awarded a Gold Medal as the best Autumn shade variety. The color is a soft pleasing shade of orange buff slightly tinged with neyron rose. A strong vigorous grower producing flowers 7 to 9 inches in diameter on long stiff stems. **\$1.00** each.

#### **Puritan**

The most beautiful of all white paeony dahlias, snow white, of fine form and a free bloomer on long stems. **\$1.00** each.



**Attraction.**

#### **Rosalia Styles**

A fine new paeony variety of this season's introduction, color bright tyrian pink tipped lighter; reflex pink. The flowers are very large on long stiff stems. The largest and best pink paeony dahlia. **\$3.00** each.

#### **Rube Girl**

A remarkable Autumn shade cactus variety both for the garden and also for cutting. Color soft yellow, suffused, overlaid and tipped coral red, giving the flower a bronzy effect that is striking under artificial light, an early and continuous bloomer on long stiff stems. **\$1.00** each.

#### **Senator Baird**

A new decorative variety of great merit producing masses of dark glowing crimson flowers of immense size. The plant is strong and vigorous and the flowers are borne on long stiff stems. One of the best introductions for 1923. **\$5.00** each.

#### **Sheba**

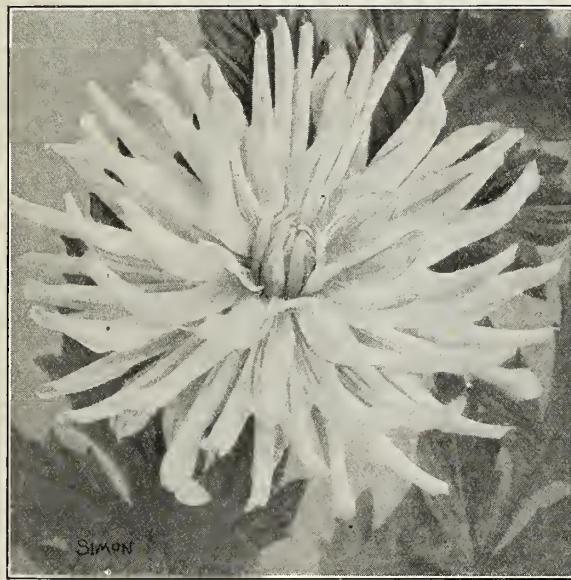
A remarkable and charming decorative variety that is sure to become a popular favorite, color, petal tips white, broad band of white along midvein toward center, both edges cardinal. The flowers, which are 5 to 6 inches in diameter with fluffy recurved and twisted petals, are produced on long stems set well above the foliage. **\$1.00** each.

#### **Queen Elizabeth**

An attractive paeony variety, color vivid lavender cerise, the plant is vigorous, producing very large flowers on long stiff stems. **50c.** each.

## CHOICE SELECTED DAHLIAS—Continued

Add 5c per clump if wanted by mail; if by express at purchaser's expense



### Superb Cactus Dahlias

**Crystal.**—One of the very finest, clear, soft pink cactus; flowers are of enormous size, with long, narrow incurved petals and full centre. Each, 50c.; \$5.00 per dozen.

**Golden West Cactus.**—A superb variety producing very large flowers. Golden yellow shading to pure yellow in the centre. A handsome variety. Each, 50c.; \$5.00 per dozen.

**Edith Carter.**—Soft yellow suffused and tipped bright rosy carmine, of fine form, good size and produced on long stiff stems. An unusually lovely variety and an early free and continuous bloomer. Each, 75c.; per doz., \$7.50.

**General Pershing.**—A very large hybrid cactus with curved and twisted petals. Color white with creamy shading. A strong vigorous grower and profuse bloomer. Each, 35c.; \$3.50 per dozen.

**Goliath.**—Yellow suffused and shaded orange salmon, fine form with good stems. Each, 25c.; per doz., \$2.50.

**Lawine.**—A variety of exceptional merit. Glistening white, flushed with pink, of good size and a free bloomer. Each, 25c.; per doz., \$2.50.

**Libelle.**—Beautifully formed. A very profuse bloomer. Color dark purple. Always full in the center. Each, 25c.; per doz., \$2.50.

**Marjorie Castleton.**—The best standard pink cactus. The color is a soft rosy pink, tinted lighter in the center. A very rapid grower, very early and blooming continuously through the season. Each, 35c.; per doz., \$3.50.

**Mrs. C. H. Breck.**—A beautiful variety of the hybrid class, good for cutting and also for exhibition, soft yellow suffused carmine very distinct and pleasing. Each, 50c.; \$5.00 per dozen.

**Mrs. Henry T. Wirth.**—Brilliant scarlet of good form. Fine for cutting. Each, 25c.; per doz., \$2.50.

**Queen of Hearts.**—A beautiful pure white with yellow at the base of the petals. Each, 25c.; per doz., \$2.50.

**Sequoia.**—Large golden bronze, fine form, long stiff stems. Each, 35c.; per doz., \$3.50.

**T. G. Baker.**—Clear canary yellow. Very prolific. Long stemmed and fine form. Each, 35c.; per doz., \$3.50.

**Yellow King.**—Probably the largest of all cactus dahlias, being of gigantic size and one of the finest new varieties. Color light yellow. The immense flowers are borne on long stems. Each, 50c.; per doz., \$5.00

### Superb Decorative Dahlias

**Ayesha.**—A wonderfully handsome, clear light yellow decorative dahlia, that has attracted great attention. The flowers are of immense size; beautiful, regular form, with large shell-like petals, and borne on long stiff stems. Each, 35c.; per doz., \$3.50

**Break O'Day.**—A decorative variety that should be in every collection. Of immense size, a delicate sulphur yellow, tinting to sulphur white at the tips. A vigorous grower. Each, 75c.; \$7.50 per dozen.

**Crimson Giant.**—Rich glowing crimson of fine form. Each, 25c.; per doz., \$2.50.

**Jack Rose.**—The most popular crimson variety for cutting. Brilliant crimson in color, hence its name. Each, 25c.; per doz., \$2.50.

**L. Kramer Peacock.**—The ideal white decorative for garden or cutting. The flowers are large, of perfect form, pure white, and of great substance, keeping a long time after being cut. The plant is a strong vigorous grower of dwarf branching habit, a free and profuse bloomer. Each, 50c.; per doz., \$5.00.

**Le Grand Manitou.**—Immense size, color lilac pencilled crimson. Extra fine. Each, 50c.; per doz., \$5.00.

**Minnie Burgle.**—This is without doubt the best red yet introduced, splendid for exhibition, cutting and for garden display. Each, 50c.; per doz., \$5.00.

**Minnie McCullough.**—Very striking variety, color soft golden yellow tipped bronzy red. An autumn tint; perfect flowers on long stems. Each, 25c.; per doz., \$2.50.

**Mont Blanc.**—Pure white flowers on long stems. Fine for cutting. Each, 25c.; per doz., \$2.50.

**Nancy Alden.**—A decorative variety of distinction, of a pleasing salmon pink, shading yellow at the base of the petals. This variety is very prolific, blooming profusely from early July till cut down by frost. Each, 75c.; \$7.50 per dozen.

**Oregon Beauty.**—Bright vermillion cardinal, rich and glistening, flowers are large on long graceful stems. Each, 25c.; per doz., \$2.50.

**Queen Mary.**—In this we have a great improvement over Delice; a much stronger grower; larger flower of the decorative type, with full rounded centre and a softer shade of pink. Each, 50c.; \$5.00 per dozen.

**Red Duke.**—Rich dazzling cardinal red, produced on long stems. Each, 25c.; per doz., \$2.50.

**Sylvia.**—Deep pink with white center. A showy variety. Fine for cutting. Each, 25c.; per doz., \$2.50.



Decorative Dahlia.

## CHOICE SELECTED DAHLIAS—Continued

Add 5c per clump if wanted by mail; if by express at purchaser's expense



### Select Ball Dahlias

**A. D. Livoni.**—Clear cerise pink, quilled petals. A free bloomer and a great favorite. Each, 35c.; per doz., \$3.50.

**Electric Show.**—Large, full ball type, color a soft magenta rose, very fine. Each, 35c.; per doz., \$3.50.

**Mary Pickford.**—Yellow suffused primrose shading to deep rose. Each, 35c.; per doz., \$3.50.

**Mrs. Hartong.**—Bright golden bronze overlaid with pink. A choice variety. Each, 25c.; per doz., \$2.50.

**Queen Victoria.**—Rich golden yellow, very free bloomer. Perfect form on slender stems. Each, 25c.; per doz., \$2.50.

**Red Hussar.**—Rich dazzling cardinal red. Strong vigorous grower and free bloomer. Each, 25c.; per doz., \$2.50.

**Tansboro.**—White, suffused pink, a charming variety, very effective. Each, 25c.; per doz., \$2.50.

**White Swan.**—Large pure white, splendid for cutting, large flowers on long stems. Each, 25c.; per doz., \$2.50.

### Pompon Dahlias

**Elegantea.**—Very choice. Color light pink suffused and tinted deep pink. Quilled petals. Each, 25c.; per doz., \$2.50.

**Kleine Dometea.**—A charming little variety producing flowers orange buff in color in great profusion. Each, 25c.; per doz., \$2.50.

**Madeline.**—A variety of merit of a pleasing combination of color, white, suffused and tipped carmine. Very free bloomer. Each, 25c.; per doz., \$2.50.

**Snowclad.**—The best snow white variety. A splendid sort and gives a profusion of bloom. Each, 25c.; per doz., \$2.50.

### Paeony Flowered Dahlias

**Baron G de Grancy.**—A waxy almost pure white variety, a flower of excellent type perfect form and purity of color. The blooms are borne profusely on long graceful stems.

Each, 25c.; per doz., \$2.50.

**Bernice.**—Soft rose pink with broad petals producing very large flowers on stiff slender stems. Each, 35c.; per doz., \$3.50.

**Geisha.**—A very attractive variety. Color golden yellow changing to bright scarlet at the center of petal and back to old gold at the tip, a most striking color combination. Large flowers on long wiry stems.

Each, \$1.00; per doz., \$10.00.

**F. R. Austin.**—One of the most striking varieties yet introduced. Color, the outer petals are creamy yellow, suffused banded and shaded rich crimson. The inner petals are yellow at the base, tinted and suffused crimson and pink. A strong grower and a free bloomer.

Each, 50c.; per doz., \$5.00.

**John Wanamaker.**—A very effective variety of good shape and color, producing large flowers on long stems of a beautiful rich orchid pink. This variety should be in every collection.

Each, 50c.; per doz., \$5.00.

**Madam J. Coissard.**—Very large, with two to three rows of immense petals of great substance, color bright rosy crimson with lighter markings and a pure white zone around the yellow disc producing a color effect that is most distinct and charming.

Each, 50c.; doz., \$5.00.

**Shawmont.**—Bright crimson with white spot at the tip of each petal an effective variety.

Each, 35c.; doz., \$3.50.

**Unique.**—This is not only unique in coloring, but in form. Some of the flowers are full to the center and of fine form, while others have numerous curled and twisted petals almost covering the center. The color is rich rosy mauve with crimson at the base of the petals. Very striking and effective.

Each, 50c.; per doz., \$5.00.

### Single and Century Dahlias

**Autumn Century.**—A fine bronzy variety, fine form on long stems. Color, buff yellow at base of petals shading through amber to red, with an iridescent sheen.

Each, 25c.; per doz., \$2.50.

**Cream Century.**—A choice variety of a rich cream color; very effective.

Each, 25c.; per doz., \$2.50.

**Mrs. Joseph Lucas.**—A combination of shades. Rich yellow, overlaid scarlet, lightened, suffused and edged salmon rose, producing large flowers, which are borne on long stems, fine for cutting.

Each, 25c.; per doz., \$2.50.

**Praxitelles.**—The richest and most effective of all fancy single Dahlias. The plants which bloom profusely are dwarf, color, deep velvety crimson maroon, each petal being tipped white.

Each, 25c.; per doz., \$2.50.

**Rose Pink Century.**—The largest and best deep pink. A vigorous grower producing large flowers on stems 3 feet long. A sure and continuous bloomer.

Each, 25c.; per doz., \$2.50.

### Unnamed Dahlias

A mixture of high grade varieties of all types which will give a profusion of bloom the entire season.

	Each.	Doz.	100
<b>Mixed, all colors . . . . .</b>	\$0.20	\$2.00	\$15.00

## GLADIOLUS

This is a flower which has as great variation in color as the Pansy; is fine for garden decoration and no flower is as satisfactory for cutting, for, if cut when flower first opens and kept in fresh water, every bud will open and this extends over a week or so. Plant the bulbs 4 to 6 inches deep and 6 inches apart about May 1st in this locality. They will not flower in the shade, but are not particular as to soil, of course, the richer the better; but do not use fresh manure in the ground. Add 10c. per dozen if wanted by mail at prices named below. If by express, at purchaser's expense.

### The Perfection Collection of Gladiolus

This list has been selected from a large number of varieties and in the selection will be found some of the very choicest varieties now in cultivation.

**America.**—One of the best shell pink varieties.

Each, 6c.; doz., 60c.; 100, \$4.00.

**Baron J. Hulot.**—Violet blue, very effective when used with Klondyke.

Each, 12c.; doz., \$1.25; 100, \$10.00.

**Chicago White.**—Pure white. A choice variety. Extra early.

Each, 7c.; doz., 75c.; 100, \$5.50.

**Empress of India.**—Rich velvety dark red with deeper shadings.

Each, 7c.; doz., 70c.; 100, \$5.00.

**Halley.**—Delicate flesh color with creamy blotch in lower petal, flowers very large.

Each, 7c.; doz., 75c.; 100, \$5.50.

**Klondyke.**—Primrose yellow, with crimson blotches. Very early bloomer.

Each, 7c.; doz., 75c.; 100, \$5.50.

**Kunderdi Glory.**—Creamy white with crimson stripe in each petal.

Each, 7c.; doz., 70c.; 100, \$5.00.

**Lily Lehman.**—Blush white, flowers irregularly set in the spike, which gives the plant the appearance of a lily.

Each, 10c.; doz., \$1.00.

**Mrs. Frank Pendleton.**—This variety is without doubt one of the finest yet introduced. The flowers, which are very large, are borne on long stems. In color rich salmon pink with dark red blotches in the throat; extra fine for cutting.

Each, 10c.; doz., \$1.00; 100, \$7.50.

**Mrs. Francis King.**—Very effective either for garden or as a cut flower, color flame or brilliant scarlet.

Each, 6c.; doz., 60c.; 100, \$4.00.

**Mrs. Watt.**—American Beauty Rose color, a splendid variety.

Each, 10c.; doz., \$1.00.

**Pink Beauty.**—Pale carmine with large blotch of geranium red on flower petals.

Each, 10c.; doz., \$1.00.



Gladiolus

**Niagara.**—A recent introduction of great merit, delicate creamy yellow, throat lightly marked with rosy carmine.

Each, 10c.; doz., \$1.00; 100, \$7.50.

**Panama.**—One of the choicest varieties, similar in habit to America, but in color a rich rose pink. This variety should be in every collection.

Each, 10c.; doz., \$1.00; 100, \$7.50.

**Peace.**—A very tall and graceful variety, producing large white flowers which have a touch of carmine in the lower petals. A splendid variety for cutting.

Each, 10c.; doz., \$1.00; 100, \$7.50.

**Principeine.**—Carmine red with large white blotch in throat.

Each, 10c.; doz., \$1.00; 100, \$7.50.

**Schwaben.**—Canary yellow with deep garnet blotch in the throat; very fine flower.

Each, 10c.; doz., \$1.00; 100, \$7.50.

**War.**—Crimson blood red with deeper shadings. When used with Peace, makes a splendid combination.

Each, 10c.; doz., \$1.00; 100, \$7.50.

## GLADIOLUS IN MIXTURE

**Perfection Mixture.**—This splendid mixture is a blending of high-grade named varieties and embraces a great and pleasing range of colors. We heartily recommend it.

Each, 6c.; doz., 60c.; 100, \$4.00.

**Choice Mixture.**—This collection, while containing some of the higher grade varieties, does not run as large in size. The mixture is sure to please, however, being mostly of the Grandiflora type.

Each, 4c.; doz., 35c.; 100, \$2.25.

**Primulinus Hybrids.**—These Hybrids range in color from pale sulphur-yellow to the deepest chrome-yellow and all the charming shades of orange, including now and then some almost white. The flowers are gracefully arranged on long slender spikes which lend themselves to artistic decoration in a wonderful way; from a decorative standpoint they are simply exquisite. Have become very popular.

Each, 6c.; doz., 60c.; 100, \$4.00.

## HARDY PERENNIALS

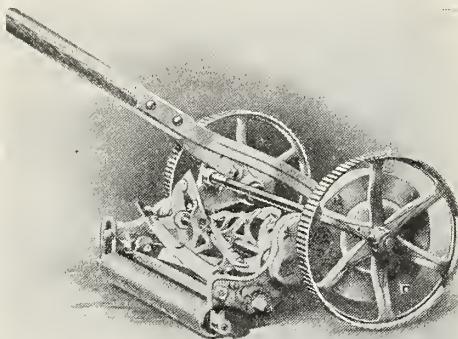
We can furnish a general collection of Hardy Perennials. The list includes Hardy Asters, Achillia, Columbines, Canterbury Bells, Coreopsis Lanceolata, Hardy Chrysanthemums, Hardy Larkspurs, Hardy Pinks, Foxglove, Gaillardia Grandiflora, Hollyhocks, Helenium, Hardy Sunflowers, Hardy Phlox, etc. All strong grown plants. 20c. each, \$2.00 per doz. by express only, customer paying charges.

## LAWN MOWERS AND LAWN SUPPLIES

Descriptive Catalog of Machines Sent Upon Request  
COLDWELL'S AND PHILADELPHIA

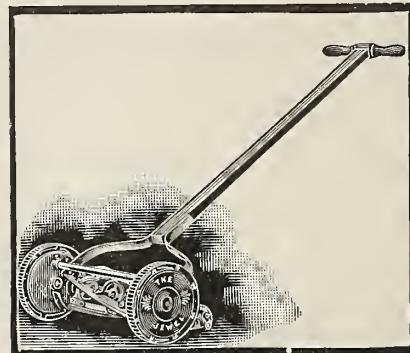
## The Coldwell Ball Bearing

This mower is particularly adapted for large lawns. It has large diameter drive wheels (10½ inches), which together with the "rear drive" principle upon which it is built, makes it particularly adapted where long, tough grass is encountered. The revolving cutter is 6 inches in diameter and is furnished with four blades.



14 in. Cut, \$17.75; 16 in. Cut, \$19.00; 18 in. Cut, \$20.25.

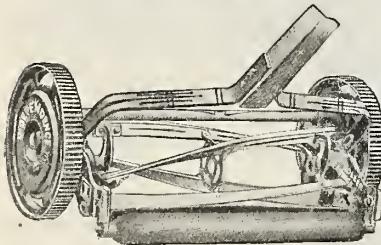
## The Jewel



The best mower for the price. It has large driving wheel, insuring light draft; four blades in the revolving cutter, giving a very fine cut. Its bottom knife is of hard-tempered crucible steel, double ratchet and fine cut gears, preventing the noise usually found in low-priced mowers. All bearings are provided with split brass bushings, by means of which all wear can be taken up.

12 in. Cut, \$8.00; 14 in. Cut, \$8.50; 16 in. Cut, \$9.00.

## Independence

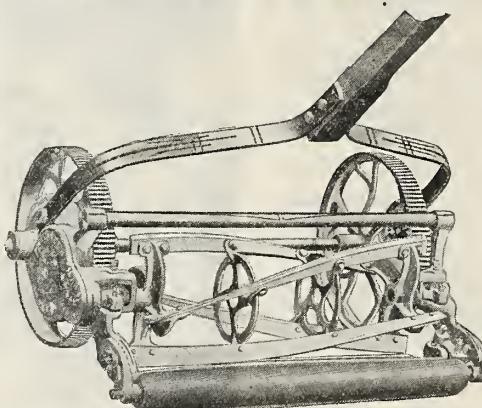


Cylinder with 4 blades. Driving Wheel, 9 inches. Diameter of Cylinder, 5½ inches. Single Pinion, geared on both sides. Roller Bearings, hardened, tempered and ground. Vanadium Crucible steel blades.

This meets the demand for a popular priced frictionless bearing lawn mower. Equipped with "PHILADELPHIA" Roller Bearings; vastly superior to old-style ball bearings.

14-inch	16-inch	18-inch
\$13.75	\$14.25	\$14.50

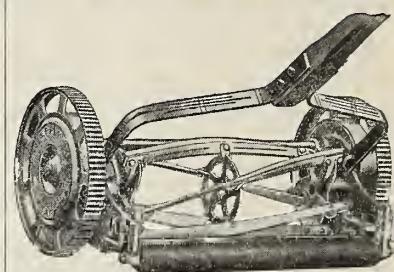
## Style A All Steel Plain Bearings



All Steel. Cylinder with 4 blades. Driving Wheel, 10 inches. Diameter of Cylinder, 6½ inches. Train of 3 Gears on one side. Double Ratchet. Has self-oiling oil cups and Vanadium Crucible steel blades. This mower, is all steel construction and has a front axle and train of gears on one side only, but driving from both wheels by means of a double ratchet. Either wheel will drive cylinder.

15-inch	17-inch	19-inch
\$20.00	\$22.50	\$25.00

## Style K Roller Bearing

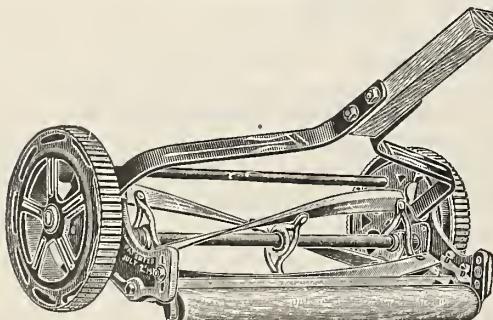


Cylinder with 5 blades. Driving Wheel, 10 inches. Diameter of Cylinder, 6½ inches. Single Pinion. Geared on both sides.

A splendid general purpose mower for hard knocks. Vanadium Crucible steel blades. Single pinion gears on each side. An exceedingly popular mower with the private owner, who likes to cut his own lawn.

14-inch	16-inch	18-inch
\$17.75	\$19.50	\$21.25

## "Stenton"

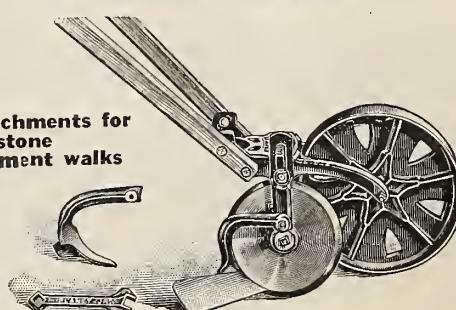


The Stenton is one of the most attractive and strongly constructed low-priced plain bearing mowers. Has three revolving knives of crucible steel. Has screw adjustment with drive wheels 8 inches in diameter, and is finished in red and gold.

12 in. Cut, \$9.00; 14 in. Cut, \$9.25; 16 in. Cut, \$9.50.

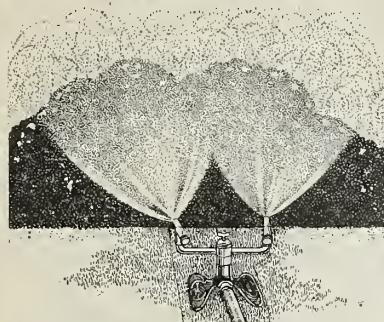
Prices Subject to Change Without Notice.

## Attachments for stone or cement walks



The best tool for edging either straight or curved paths, also along cement walks.

Price, \$6.50.

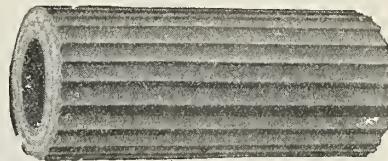
**The Rain King Sprinkler**

Circular or stationary spray  
**Waters a small or large circle,**  
 from 8 to 70 feet in diameter.

Price, \$3.50. Mail wt., 4 lbs.

**Skinner Sprayers**

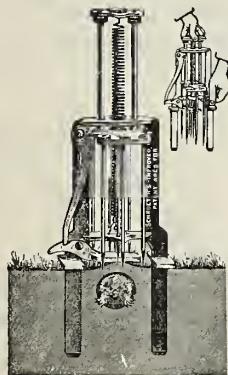
Skinner, P. P. Wt., 2 lbs..... \$0.75  
 Rainbow, P. P. Wt., 4 lbs..... 3.00  
 Elk Sprayer, Short Stem, 2 lbs... 1.00  
 Elk Sprayer, Long Stem, 2 lbs... 1.25  
 Large Ring Brass, 1 lb..... 1.00  
 Small Ring Brass, 1 lb..... .75

**Rubber Hose**

Finest Quality.

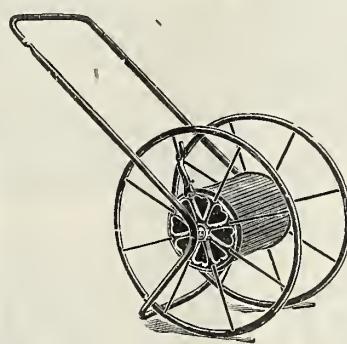
Per Foot.

Spray Pump Hose.....	\$0.15
Seamless or Molded, $\frac{3}{4}$ in.....	.17
Seamless or Molded, $\frac{1}{2}$ in.....	.14
25 ft. lengths and upward, coupled free. In smaller sections, couplings, per pair.....	.30

**Mole Traps****Schroeter's**

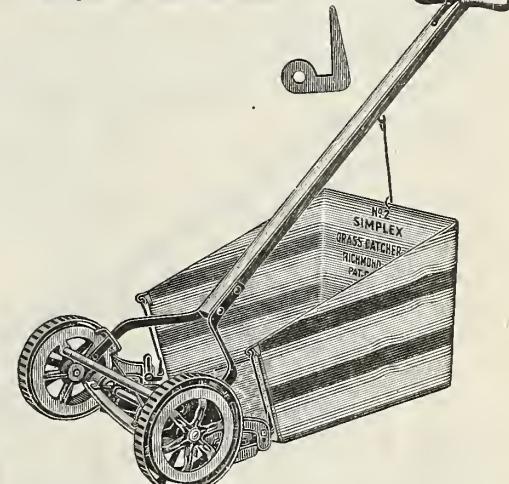
These are considered the most successful.

Schroeter's Self-Acting..... \$2.00

**Wirt's Hose Reel**

All tubular—capacity.

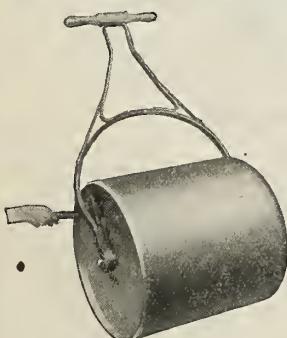
No. 10—21 in. wheel, 100 feet.	\$5.00
No. 20—24 in. wheel, 150 feet.	6.00
Simplex.....	1.50

**Simplex Grass Catcher**

No. 1—Fits 12 to 16 in. mower, inclusive.....	\$2.25
No. 2—Fits 16 to 20 in. mower, inclusive.....	2.50

**Hose Bands, Couplings, Etc.**

Hose Menders, each.....	\$0.10
Brass Couplings, per pair.....	.25
Hose Bands—Caldwell—doz.....	.30
Gem Graduating Nozzles.....	.75
Hydrant Attachments.....	.60
Hose Clamp, each.....	.05
Perfect Hose Menders, each.....	.12

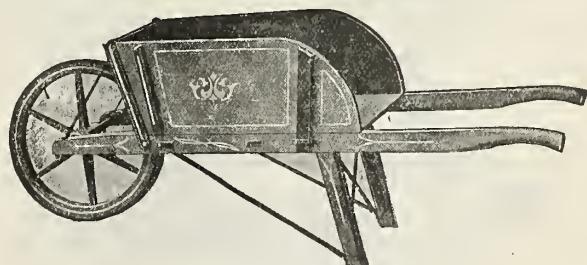
**Water Ballast Lawn Roller**

The most modern and the only ball-bearing roller on the market to-day.

Its round edge drums prevent cutting of sod. Easy to fill and easy to run.

No.	Diam. In.	Lgt. In.	Sec.	Empty	Weight			Price.
					Filled Water	Filled Sand	With Price.	
601	14	24	1	65	250	300	\$16.65	
602	18	24	1	75	330	475	20.00	
603	24	24	1	100	440	630	23.25	

Prices Subject to Change Without Notice.

**Farm and Garden Wheelbarrows**

A superior barrow, handsomely painted and striped; iron leg braces, bolted, not screwed on; run under the legs, forming a shoe to slide on, avoiding racking the barrow; iron bands shrunk on hubs. No pine used in these barrows.

**Width of Box**

No.	Size	Length Box	Width End	Wheel End	Handle	Depth Box	Width Wheel	Tread	Price
1	Farm	30	24	25		12	22	3	\$10.00
2	Small farm	28	20	24		12	20	2 $\frac{3}{4}$	8.25
3	Garden	26 $\frac{1}{2}$	18 $\frac{1}{2}$	23		12	20	2 $\frac{1}{4}$	7.50
	Ataboy Steel Tray	26	22	22		8 $\frac{1}{2}$	12 $\frac{1}{2}$	1 $\frac{1}{2}$	6.50

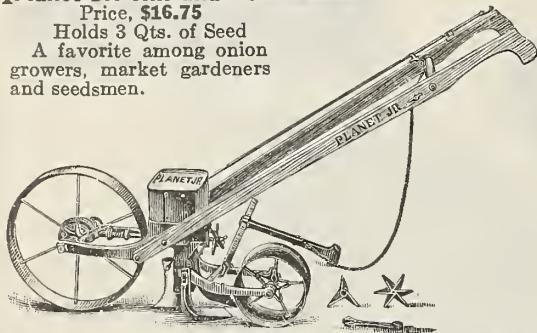
# PLANET JR. TOOLS

Planet Jr. tools save time, lighten labor, and get bigger, better crops at less cost. Designed by a practical farmer and manufacturer with over 40 years experience. Last a lifetime. Fully guaranteed.

## No. 31 Planet Jr. Hill and Drill Seeder

Price, \$16.75

Holds 3 Qts. of Seed  
A favorite among onion  
growers, market gardeners  
and seedsmen.



Sows accurately in large or small quantities in drills in a narrow line, making wheel-hoe cultivation easy, or in hills, 4, 6, 8, 12, 24 inches apart. Force feed.

The flow of seed is instantly started or stopped by the cut-off rod. No seed wasted at end of rows.

## No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe Cultivator and Plow

Price, complete, \$17.75

As a seeder only (No. 4D), \$13.75

Holds 2½ Quarts of Seed



Sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth. No time is lost. No seed is wasted. Makes the care of a garden a pleasure as well as very profitable. Can be used successfully by men, women or growing boys. Pays for itself in a season and will last for years.

## No. 25 Planet Jr. Combined Hill and Drill Hoe, Cultivator and Plow

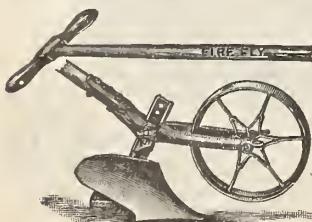
Steel Frame,  
Holds 2½ quarts  
Price, complete,  
\$21.25



As a seeder it is practically the same as the **Planet Jr. No. 4**, and as a wheel hoe has the same steel frames and cultivating attachments as the **Planet Jr. No. 12 Double Wheel Hoe**.

## Fire Fly Garden Plow Price, \$4.00

Especially useful to owners of small gardens, and to chicken-raisers for plowing up scratching yards. Its light weight makes it easy for man, woman or boy to use. Enables the owner of a family garden to do all the work in spare minutes.



**72 page Planet Jr. catalog free.** Describes 70 tools, includes Seeders, Wheel Hoes, Horse Hoes, Harrows, Orchard and Beet Cultivators. **Write postal for it.**

## No. 31 Planet Jr. Combined Drill Seeder and Single Wheel Hoe Cultivator and Plow

Price, complete, \$11.75. Packed Wt., 32 lbs. No. 31D. As a Drill Seeder only, \$9.50

This tool is of great value to gardeners who never owned either a seed drill or a wheel hoe. It will sow a small packet of garden seed with great precision.

Quickly changed to wheel hoe.

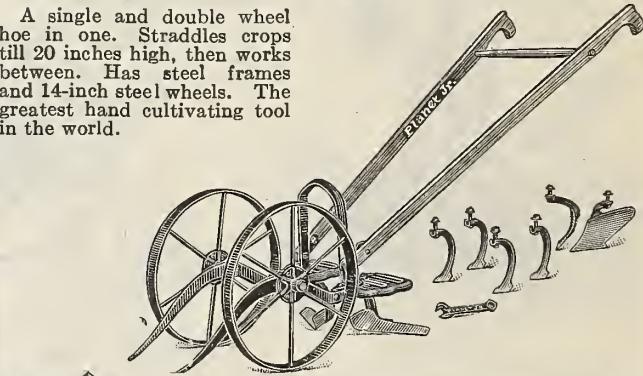


## No. 33 Planet Jr. Single Wheel Hoe. Price \$5.75

The No. 31 Without Seeding Attachment

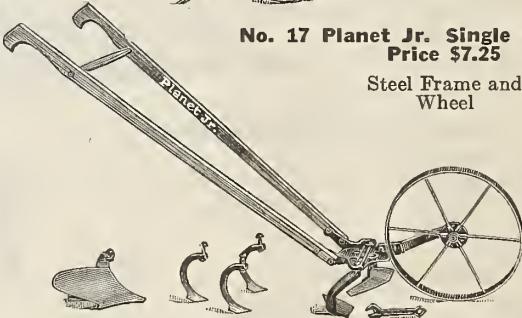
## No. 12 Planet Jr. Double Wheel Hoe Cultivator and Plow. Price \$10.75

A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand cultivating tool in the world.



## No. 17 Planet Jr. Single Wheel Hoe. Price \$7.25

Steel Frame and Wheel



The highest type of Single Wheel Hoe made. Light, but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest and best way.

## No. 119 Garden Plow and Cultivator Price, \$4.75

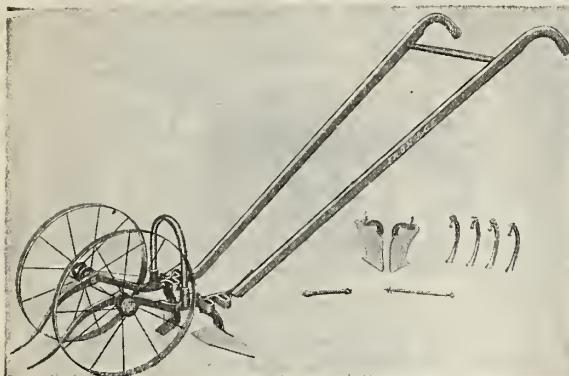


A new tool for thos. who prefer the extra high wheel on their garden cultivator.

The wheel is 24 inches high, and has a 1½-inch rim; has a complete set of cultivating tools —plow, narrow and wide cultivator teeth, three-prong tooth and scuffle hoe for weed cutting. Handles have plow-handle grips. A well-made, substantial tool at an attractive price.

## IRON AGE FARM AND GARDEN IMPLEMENTS

No. 301-R Double and Single Wheel Hoe

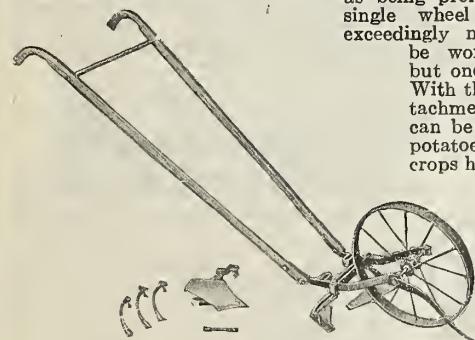


Opens and closes furrows, takes care of first workings without danger to young plants, goes astride or between the rows, cultivates, weeds, levels, etc. Does a day's work in 60 minutes. Saves old-fashioned back-breaking work—you walk upright with this tool and weeds never get the best of you. Takes many attachments for special work.

No. 301. Complete, \$10.50.

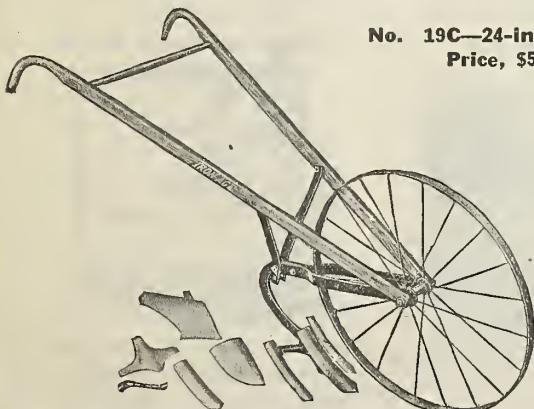
The No. 320-R "Iron Age" Single Wheel Cultivator, Plow and Rake

No. 320. Complete, \$7.75



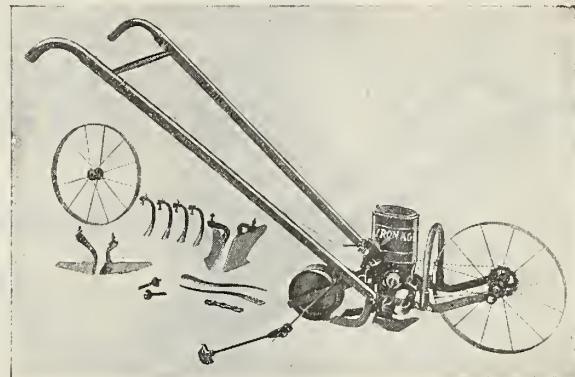
For the small kitchen garden we consider the single hoe as being preferable. With the single wheel tool spaces of exceedingly narrow width can be worked, even using but one cultivator tooth. With the large plow attachment deep furrows can be opened or closed; potatoes, celery and other crops hilled.

No. 19C—24-inch Wheel  
Price, \$5.00



No. 19C. This tool will do all the necessary plowing in some soils, open furrows for seed or fertilizer and covers on the return trip. Has special teeth for work between narrow rows. Size of the wheel makes it easy to push ahead a step at a time.

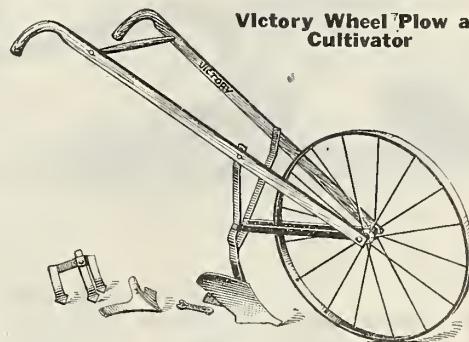
No. 306 Combined Double and Single Wheel Hoe, Hill and Drill Seeder



Sows seed in continuous rows or drops in hills at 4, 6, 8, 12 or 24 inches apart. Lever makes quick change. Opens its own furrow, covers it and packs the soil. Has accurate feed, without injury to the seed. Latter is dropped in plain sight—no guess-work. The high wheel runs easy. The Wheel Hoe form of this tool is No. 1, shown above.

No. 306, Combined. Price, \$19.50.

Victory Wheel Plow and Cultivator

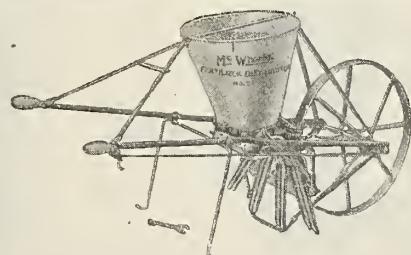


The victory plow has two bent wood handles. The frame and tools are constructed of steel, and are mechanically correct, making it one of the neatest and lightest-running plows on the market.

The handles can be raised or lowered to suit operator. This plow is equipped with a landslide plow, a broad steel scuffle hoe and a three-tooth cultivator, height of wheel, 24 inches.

Price, complete, \$4.25

McWorther Fertilizer Distributor No. 21



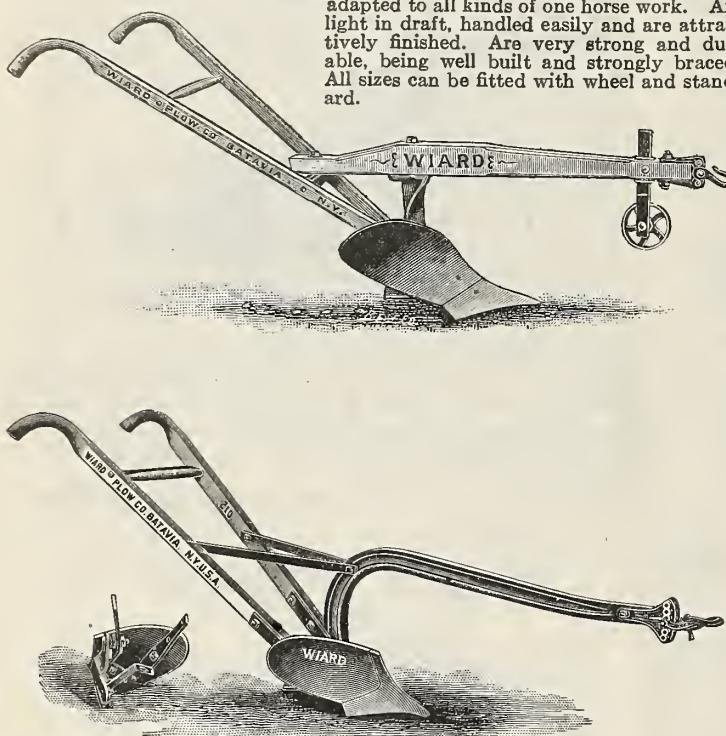
This machine is particularly adapted to the needs of the Market Gardener. Lime or fertilizer can be sown in the furrow, beside the growing crops, as a top dressing, or broad cast to the width of 30 inches, can be adjusted to sow any quantity from 200 lbs. to 1 Ton per acre.

Price, \$21.00

# HORTICULTURAL TOOLS

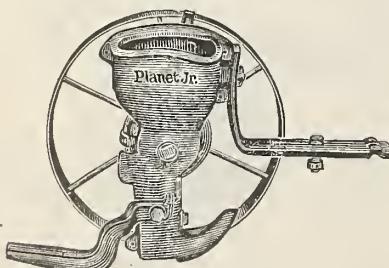
## Wiard Horse Plows

We illustrate on this page a new series of wood and steel beam, light horse Plows with chilled moldboards, sloping landsides and cutter points. These Plows are built upon correct lines, and are adapted to all kinds of one horse work. Are light in draft, handled easily and are attractively finished. Are very strong and durable, being well built and strongly braced. All sizes can be fitted with wheel and standard.



No.	Horse	Beam	Complete	With Clevis	With Clevis
			With Clevis	and Wheel	Wheel and Jointer
13	one	Wood	\$9.60	\$11.25	
10	one	Wood	12.00	13.75	\$16.75
16	two	Wood	17.00	19.00	23.50
210	one	Steel	9.00		
219	two	Steel	17.25	19.25	23.65
43	two	Steel	17.50	19.50	24.00

## Planet Jr. Seeder Attachment No. 35



For Hot Bed or Greenhouse work. Can also be attached to the 119-Wheel Hoe or all Single and Double Wheel Hoes. Price, \$5.75.

## Planet Jr. Edger No. 2



The Planet Jr. Grass Edger assists wonderfully in producing an attractive walk. It will edge either straight or curved work, paths, drives, open borders or flower beds, rapidly and beautifully. Price, \$1.75. P. P. Wt. 4 lb. Postage Extra.

Prices Subject to Change Without Notice.

## No. 101 Planet Jr. Cultivator, Price, With Wheel, \$10.75

No. 101D.  
Without wheel, \$9.00

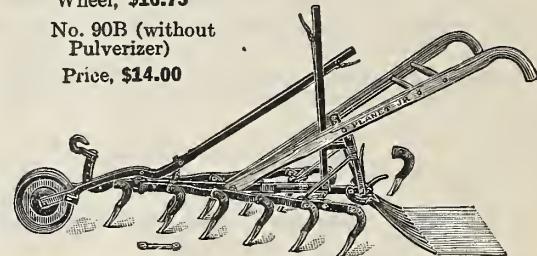


A new and improved cultivator sold at a low price. Stop in and see it. It will please you.

## No. 90 Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer

Complete, with Steel  
Wheel, \$16.75

No. 90B (without  
Pulverizer)  
Price, \$14.00



This tool has become a special favorite with strawberry, tobacco and sugar beet growers, market gardeners, truckers and farmers, because of its twelve chisel-shaped teeth. The teeth and pulverizer leave the ground in fine condition. Depth can be regulated instantly. Cultivates any width from 12 to 32 inches. Handles adjust up, down and sidewise, saving hands and clothes.

## Eureka Kitchen Garden Drill

Useful also for hot bed planting. A simple but effective little seed drill, which will do the work infinitely faster and better than hand work. It sows and covers Beet, Cabbage, Carrot, Celery, Lettuce, Onion, Radish, Spinach, Turnip and all such seed with great regularity. The force feed brush inside the hopper, and the furrow shoe, which may be raised or lowered, make the Eureka superior to all other hand seed drills. Price, \$1.65. P. P. Wt., 5 lbs.



## Cyclone Broadcast Seeder



**Cyclone.**—(New Improved Model). An accurate, portable seeder, for all broadcast sowing or fertilizing. Fits comfortably over shoulder; provided with automatic adjustment for stopping flow of contents when required. A great time and labor saver. Each \$2.25. P. P. Wt., 4 lb. Postage Extra.

## SPRAYERS AND SUPPLIES

Postage Extra. Consult "Postal Directions" Inside front cover.



## STANDARD SPRAY PUMP

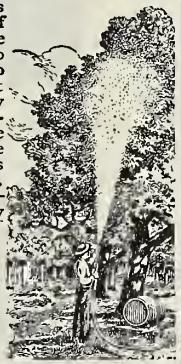
### The Pump of a Hundred Uses

Every day in the year—even when you're not working on fruit or vegetables—there is some good use you can make of the STANDARD SPRAY PUMP. For washing the automobile, washing windows, whitewashing and disinfecting, fighting fire, spraying live stock, injecting medicines in veterinary cases—these are only a few of the ways in which the Standard Spray Pump helps you. It's handy to carry around—yet it throws a stream thirty feet high, sprays the tallest fruit tree from the ground, and does more work than larger pumps on platforms and ladders. Made entirely of brass—nothing to be affected by chemicals.

Price, \$5.00

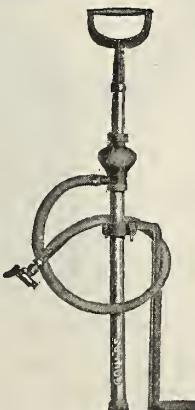
Postage Extra.

Mail Weight, 6 lbs.



Curved Brass Extension for Spraying Potatoes, etc. .... \$1.00

### "Bordeaux" Bucket Pump



The "Bordeaux" is a brass pump for garden or greenhouse work. It is fitted with brass ball-valves which are proof against action of acids or oils. The discharge hose is attached to the pump by a brass coupling. No suction hose is needed, as the pump rests in the pail with the malleable iron foothold outside.

This pump is also suitable for spraying cattle, whitewashing, disinfecting poultry houses, etc.

With 3 feet of  $\frac{3}{8}$ -inch discharge hose and "Seneca" nozzle, \$6.75. Mail weight, 6 lbs.

### Spray Nozzles and Fittings

Auto Spray	..... \$0.50
Power	..... 1.00
Fembro	..... .60
Auto-pop	..... 1.50
Imperial	..... .40
Graduating Vermorel	..... .75
Bordeaux	..... .90
Brass Male End Coupling	..... .30
Brass Female End Coupling	..... .30
Brass Elbow	..... .30
Shut-off Cock	..... .60

### Spraywell Rubber Sprayer



For spraying small plants; an ideal one for house use.

Either straight neck or crook neck.

6 oz. .... \$0.75

Mail weight, 8 oz.

10 oz. .... \$1.00

Mail weight, 1 lb.

### Myers' Little Giant Brass Pump

No. 327 $\frac{1}{2}$ . Fig. 639, Bucket Brass Spray Pump, complete with hose and combination, fine, coarse spray and solid stream nozzle. Our Special price, \$4.25.  
Mail weight, 6 lbs.

### Brass Ball Valves

### Modoc Bucket Pump

The pump is double acting, has large capacity and will give 150 pounds pressure at nozzle. The valves and plunger can be removed for cleaning or inspection with a common wrench. All parts except handles and foot-rest are of brass.

Mail weight 4 lbs., complete with 3 feet of hose and nozzle. P.P. Wt., 6 lbs.

Price each \$6.00

### The Auto Spray A Self-Operating Automatic Sprayer



This machine is one of the strongest and most simple in its parts. The pump is locked by means of sliding cam, which prevents wear, gives long service and renders all parts instantly accessible. Reservoir holds 4 gallons, but should not be over two-thirds full of solution when ready for spraying. About two pumpings will empty the tank, and the operator has only to direct the spray. It can be used in the garden for small trees and shrubs, spraying weeds, spraying cattle or whitewashing. Cylinders are made of both galvanized iron and brass, with locked seams. It can be carried in the hand or used as a knapsack sprayer.

### Equipment.

No. 1A. Brass tank with stop cock	..... \$9.00
No. 1B. Brass Tank with auto spray	..... 9.50
No. 1C. Galvanized Tank with Stop Cock	..... 6.00
No. 1D. Galvanized Tank with Auto Spray	..... 6.50

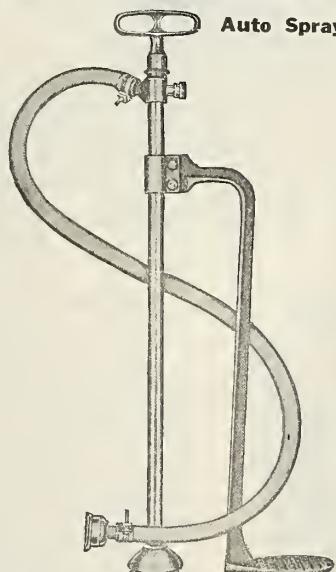
**Extension Pipes.** Two-foot lengths for spraying tall shrubs and trees; solid brass. Each .50

**Brass Strainer.** For straining lumpy liquid. Each 1.25

**Brass Auto-Pop Nozzle.**—Shown in cut, part of No. 1B equipment. When sold separately 1.50

**Auto-Pop.** With hose and fittings 2.00  
Auto sprayers are not mailable.

### Auto Spray No. 6

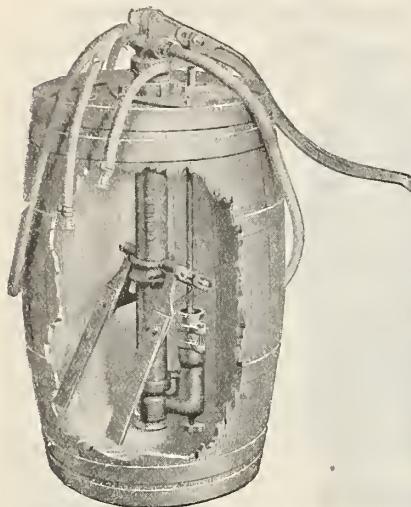


This pump is a double action sprayer, has two nozzles and is equipped with foot-rest 16 inches high, enabling the operator to use almost any bucket or container.

The pump and valves complete are made entirely of brass, and being small in diameter requires but little effort to generate a pressure of 200 pounds. There are very few pumps manufactured that can be guaranteed for this high pressure. Mail weight 6 lbs. Price, \$5.50.

## SPRAYERS

### "Pomona" Barrel Sprayer



Price of Pump with Agitator and Hose Connection, **\$22.00**.

Price of Pump with Agitator and Hose Connections and 15 ft.  $\frac{3}{8}$ -inch Hose and Mistry Jr. Spray Nozzle, **\$28.50**.

Barrels extra.

The "Pomona" has sufficient capacity to supply two leads of hose and four nozzles. The plunger, plunger connection, gland, valves, valve seats and strainer are of solid bronze. All working parts are simple and so located that they can be easily removed and cleaned. The air chamber is of steel and has a large capacity, making it easy to maintain the pressure and giving smooth operation. The lever can be adjusted for a 3, 4 or 5 inch stroke, the adjustment being obtained by removing and replacing a single bolt.

The agitator is very simple but effective, and is operated by the pump lever. This pump is fitted for mounting on the end of the barrel only, where it is held firmly in place by a barrel plate and small anchor at the bottom of the barrel. The plate is adjustable so that the pump can be used in barrels of ordinary depth.

The "Fruitall" is extremely simple in design, of smaller capacity and lighter in weight than the "Pomona." However, in every respect, it is a thoroughly serviceable and reliable sprayer. It will supply two leads of hose and two nozzles. All working parts, including plunger, gland, valves, valve seats and strainer, are of bronze. The air chamber is large. The lever is long, making it easy to operate the pump and produce high pressure. The plunger is packed from the outside, so it is not necessary to take the entire pump apart to repack it. A wing agitator is used similar to that used with the "Pomona."

The pump is fitted for mounting on the end of the barrel only, where it is held in place by an adjustable clamp which fits over the end of a stave. It is also anchored to the bottom of the barrel.

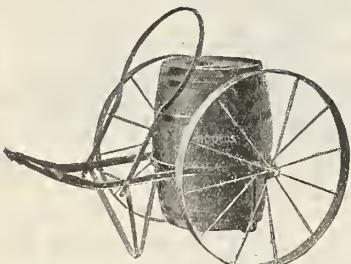
### "Fruitall" Barrel Sprayer



Price of Pump with Agitator and Hose Connections, **\$12.00**.

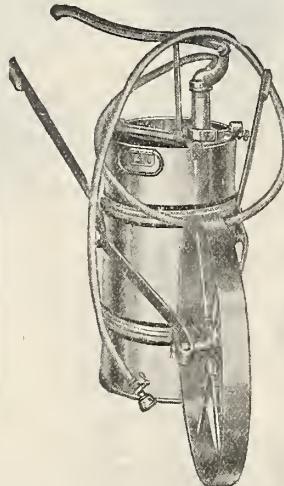
Price of Pump with Agitator and Hose Connections and 15 ft.  $\frac{3}{8}$  in. Hose and Mistry Jr. Spray Nozzle, **\$18.25**.

Barrels extra.



Barrel cart for mounting barrel sprayers, etc. The construction is such that any barrel can be picked up and held in place by a hoop that passes around the barrel. It is designed for mounting our barrel sprayers and will also be found useful for handling extra barrels of spray mixture. Wheels have wide tires.

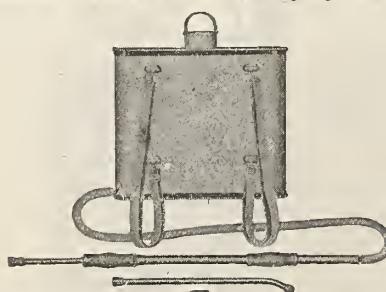
Price, without barrel, **\$22.50**.



### Auto-Spray No. 3

The best portable sprayer for whitewashing and general spraying. The equipment consists of truck, high-pressure pump and heavy galvanized steel tank, of 12 gallons capacity. All valves, cylinders and working parts are of brass and rustproof, and the sprayer is equipped with 8 feet of  $\frac{3}{8}$ -inch high pressure hose, brass strainer nozzle. Price complete, **\$25.00**. Iron Extension Pipe (2 ft., 8 in.), **50c.** each.

### Brown's No. 5 Brass Auto-Spray Pump



Not mounted on tank with length of hose and strainer. Price, **\$5.00**.

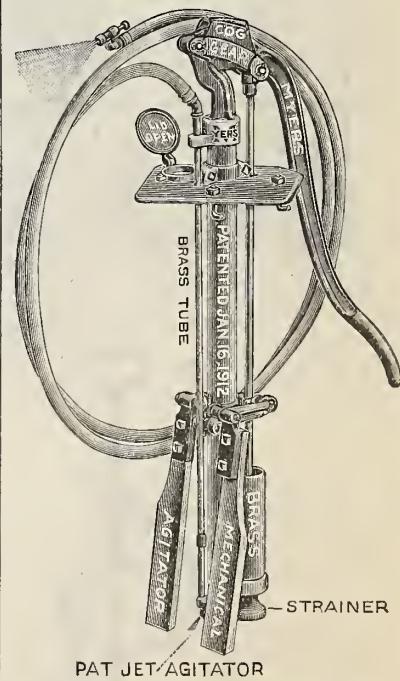
Galvanized reservoir or knapsack. **\$3.00.**

Brass reservoir or knapsack. **\$6.00.**

Extension Pipe. **50c.**

One of the latest in the knapsack line. Can be used without the reservoir if barrel or bucket is more convenient.

### Barrel Spray Pump

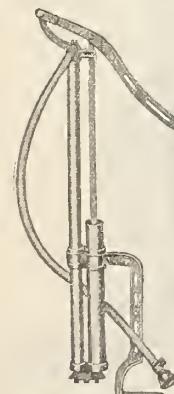


### Cog Gear, Cylinder, Valves, Valve Seats and Discharge All Brass.

All working parts submerged in liquid. Hence no priming necessary. Has both jet and mechanical agitator.

No. R318B, Myers Cog Gear Barrel Spray Pump complete, Fig. 1521 with one lead of 15 feet of  $\frac{1}{2}$  inch 5-ply discharge hose, graduating Vermorel nozzle, and both jet and mechanical agitators.

Price (no barrel) **\$15.00**



### Auto-Spray No. 7

Pump made almost entirely of brass. The air-chamber and plunger tube are made of seamless brass tubing. The valve casting and valve balls are brass.

All castings that do not come in contact with solution are malleable iron. The foot rest, top casting and handle are malleable iron. These parts will almost bend double before they will break. Mail weight, 10 lbs. Complete with 3 feet of  $\frac{3}{8}$  inch high pressure hose and brass strainer nozzle, **\$7.00**. P. P. Wt., 10 lbs.

## SPRAYERS, POWDER GUNS AND DUSTERS

## Compressed Air Sprayer



## Not mailable

A continuous and fine spray with half the pumping required by other atomizers.

Just the thing for use in the greenhouse, window garden, for rose bushes and in the poultry house.

Will handle all solutions, insecticides and disinfectants. Made throughout of stout material. Reservoir bronze ball valve, plunger rod,  $\frac{1}{4}$ -inch copper plated steel. The solution does not come in contact with the pump cylinder. The spray may be adjusted by a slight turn of the nozzle cap.

No. 26. Brass pump and Reservoir..... \$1.35

No. 21. Tin Sprayer, not automatic..... .50



## The Acre-an-Hour Sifter



PATENTED

SEPT. 14, 1909

Made from heavy tin, bottom and side perforated. Can be adjusted to put a small or large quantity of dust on potatoes or other vines.

Price..... 75c.

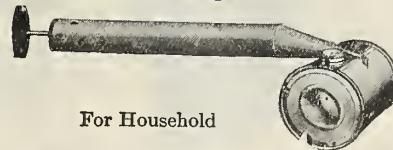
Parcel post weight, 2 lbs.

## Dicky Duster

Excellent for distributing Bug Death, Slug Shot, etc. Price, 40c.

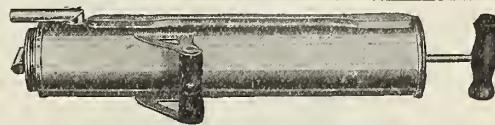
Mail weight, 1 lb.

## Midget



## For Household

Midget..... 40c.



## Duster Brown Powder Gun

Price, \$2.00

P. P. Wt., 4 lbs.



## The Feeney

Model B. Powder Gun. Applies all dry powdered insecticides in a smoke-like cloud that reaches all parts of the plant. Very light and easy to operate.

Mail weight 2 lbs. Price \$1.25.

JUST SLIP THE SEALED CARTRIDGE IN THE GUN THAT'S ALL!

**THE EASY WAY**

No Handling. No Mixing. No Weighing. No Measuring of Poisons. Makes Successful Gardening a Pleasure.

Compare the ordinary method of mixing wet sprays or filling loose dust devices with the new patented up-to-date improved Key Duster Simplicity and Cartridge Convenience. No longer need you neglect your garden, flowers or fruit because of such troublesome old-fashioned practice.

More Vegetables. Better Fruit. Beautiful Flowers and Shrubs.

By using specially prepared materials, approved by the Agricultural Experimental Stations, all in Handy Sealed Cartridges ready to apply instantly without waste.

**All Handy Sealed Cartridges, 15c each.**

For Vegetable and Small Fruit, B. A. Cartridge. For Flowers and Shrubs, Oflofo Cartridge. For Fruit & Vegetables, Nearly Ripe, Hellebore Cartridge. For Aphids and Many Soft-Bodied Insects, Kaphis Cartridge. For Orchard Fruit, L A S. Cartridge.

**Key Duster Gun \$1.50**

A complete Garden Spray Calendar is supplied with every Gun.

FOR FLOWERS, FRUITS, VEGETABLES AND GARDENS

CARTRIDGE CONTAINS ENOUGH MATERIAL TO DUST ABOUT 100 ORDINARY POTATO PLANTS 15 CENTS

## Acme

## Powder

## Bellows



For dusting any dry powder; either straight or bent neck. Price, \$1.75. Mail weight, 2 lbs.

**Earthenware  
Flower  
Pots**

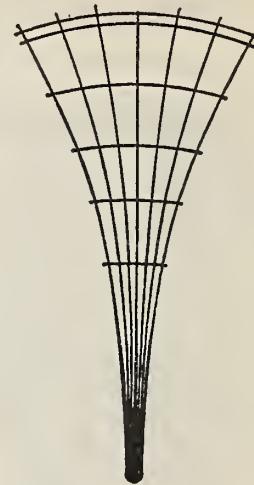

These cannot be sent  
by Parcel Post.

Height and Width inside	Each	Doz.	100	1000
1 inch.....	<b>\$0.02</b>	<b>\$0.17</b>	<b>\$1.22</b>	<b>\$11.48</b>
2 ".....	.02	.18	1.02	9.56
2½ ".....	.02	.18	1.16	10.84
2½ ".....	.02	.18	1.35	12.75
3 ".....	.03	.24	1.76	16.58
3½ ".....	.03	.29	2.16	20.40
4 ".....	.04	.36	2.70	25.50
4½ ".....	.06	.49	3.65	34.43
5 ".....	.07	.65	4.86	45.90
5½ ".....	.08	.81	6.08	57.38
6 ".....	.09	.98	7.29	68.85
6½ ".....	.13	1.30	9.72	91.80
7 ".....	.15	1.62	12.15	.....
8 ".....	.22	2.34	17.55	.....
9 ".....	.33	3.60	27.00	.....
10 ".....	.45	4.86	36.45	.....
11 ".....	.66	7.20	54.00	.....
12 ".....	.91	9.90	74.25	.....
14 ".....	1.48	16.20	121.50	.....

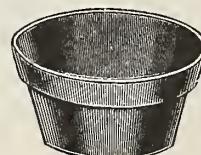

**Earthenware  
Saucers**

These cannot be sent  
by Parcel Post.

	Each	Doz.	100
4 inches.....	<b>\$0.03</b>	<b>\$0.27</b>	<b>\$2.03</b>
5 ".....	.04	.36	2.70
6 ".....	.06	.54	4.05
7 ".....	.07	.72	5.40
8 ".....	.10	.99	7.43
9 ".....	.14	1.35	10.13
10 ".....	.15	1.62	12.15
11 ".....	.19	1.98	14.85
12 ".....	.23	2.43	18.23
14 ".....	.37	4.05	30.38


**Earthenware  
Bulb Pans**

These cannot be sent  
by Parcel Post.



These are fine for  
planting with bulbs,  
for ferns and other  
compact plants.

	Each	Doz.	100
6 inches diam.....	<b>\$0.09</b>	<b>\$0.98</b>	<b>\$7.29</b>
7 ".....	.15	1.62	12.15
8 ".....	.22	2.34	17.55
9 ".....	.33	3.60	27.00
10 ".....	.45	4.86	36.45
11 ".....	.66	7.20	54.00
12 ".....	.91	9.90	74.25
14 ".....	1.48	16.20	121.50

**Fan Trellis**

A very popular style for roses, made of  
wood, painted green.

Size	Each
18 inch.....	<b>\$0.45</b>
24 inch.....	.50
3 feet.....	1.35
5 feet Rustic Trellis.....	2.25
6 feet Rustic Trellis.....	3.00
8 feet Rustic Trellis.....	3.75


**Wood Fibre Saucers**

Extremely desirable on account of being absolutely waterproof.

5 inches.....	Parcel Post			No.
	Weight	Each	Doz.	
	1/4 lb.	<b>\$0.32</b>	<b>\$3.60</b>	1
	1/4 "	.34	3.90	2
	1/2 "	.37	4.20	3
	1/2 "	.39	4.50	4
	3/4 "	.43	4.90	5
10 "	3/4 "	.46	5.30	6
12 "	1 1/4 lbs.	.55	6.30	7

Larger sizes can be furnished as complete rolling stands only.


**Plant Tubs**

Made of white cedar painted green, electric  
welded heavy wire hoop without handles. We  
sell handles separate. **15c.** pair.

Inside Top	Inside Bottom	Inside Diam.	Inside Depth	Each
6 in.	5 in.	6 in.	6 in.	<b>\$0.70</b>
7 in.	5 in.	7 in.	7 in.	.75
8 in.	6 in.	8 in.	8 in.	.80
9 in.	7 in.	9 in.	9 in.	.90
10 in.	7 1/2 in.	10 in.	9 in.	1.00
11 in.	8 1/2 in.	11 in.	10 in.	1.25
12 in.	9 in.	12 in.	11 in.	1.50
13 in.	10 in.	13 in.	12 in.	1.90
14 in.	11 in.	14 in.	13 in.	2.20
15 in.	11 1/2 in.	15 in.	14 in.	2.35

**Square Plant Stakes**

These are painted green and nicely tapered  
and finished.

Weight per Doz.	Each	Doz.	100
1 1/2 feet.....	1/2 lb.	<b>\$0.03</b>	<b>\$1.85</b>
2 feet.....	.05	.45	2.60
2 1/2 feet.....	.06	.60	4.00
3 feet.....	.11	<b>1.08</b>	<b>7.25</b>
3 1/2 feet.....	.12	1.15	8.25
4 feet.....	.15	1.40	9.75
5 feet.....	.20	2.00	14.00
6 feet.....	.25	2.50	16.50

**Pot Labels**

Plain pointed wood for flowers and  
all plants.

Mail Wt. per 100	100	1000
1/2 lb.	<b>\$0.30</b>	<b>\$2.00</b>
1 1/2 lb.	.35	2.25
5 in.	.40	2.45
6 in.	.50	3.00
8 in.	1.40	8.50
10 in.	2 1/2 lbs.	1.90 11.50
12 in.	3 lbs.	2.25 13.65

3 1/2 inch Wired Tree Labels  
Iron.....100, \$030.; 1000, \$2.00  
Copper.....100, 40c.; 1000, \$2.35


**Cedar Tree Tubs**  
New York Pattern

Made of choicest season-  
ed white cedar. Highly  
finished, iron hoops, iron  
feet and drop handles.

Inside Top	Inside Bottom	Inside Diam.	Inside Depth	Each
12 in.	9 3/4 in.	10 5/8 in.	10 5/8 in.	<b>\$2.75</b>
13 in.	10 3/4 in.	12 1/4 in.	12 1/4 in.	3.50
14 1/2 in.	12 in.	14 3/4 in.	14 3/4 in.	4.50
16 1/2 in.	14 1/4 in.	14 3/4 in.	14 3/4 in.	5.50
19 1/2 in.	17 1/4 in.	16 5/8 in.	16 5/8 in.	6.25

## HORTICULTURAL TOOLS AND SUPPLIES

## Norcross Cultivator



An excellent tool having adjustable teeth for spanning the row by removing center tooth, or between rows using any number of teeth.

5 Pronged, Long Handle	\$1.00
3 Pronged, Short Handle	.75
3 Pronged, Short Handle	.40

## Spading Forks



Fine quality steel. Strapped shank. D handle.

Four prong	\$1.35
Five prong, iron D handle, extra quality	2.00
Five prong, wood D handle	2.50

## Manure Forks



Finest Steel.

No. 04D.—4 tine, strapped shank, D handle, \$1.75.

No. 044½Z.—4 tine, plain ferrule, bent handle, \$1.00.

## Hay Forks

Finest Steel.



Strapped Shanks.

2 tine.....\$1.10

3 tine.....1.25

## Manure Drags



For working manures, digging out potatoes, etc.

No. 4 B. O. L., 4 tine	\$1.00
No. 4 B. O. H., 4 tine	1.15
No. 5 B. O. L., 5 tine	1.25
No. 5 Batchellor, 5 tine	1.50

## Shovel



Polished Steel.

Size No. 2, good quality, D handle... \$1.50

## Garden Spades

Polished Steel—D handle.



Dye.....	\$1.55
Pfeiffer.....	1.85
Griffiths.....	1.90
Keller.....	1.00

## Hoes



## Warren

No. W 7.....	\$1.10
No. W 7½.....	1.20

Baby Warren Hoe. A good transplanter, same shape as above, short handle 50c.

## Jersey Truck



Jersey Truck, 7½.....	\$0.85
No. G6X, 6 in.....	.90
No. G7X, 7 in.....	.95



## Half Moon.

H. M. O.—5 in.....	\$1.00
H. M. O.—6 in.....	1.05
H. M. O.—7 in.....	1.10

## Scuffle Hoe

No. XGS, 8 in.....	\$0.85
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## Onion Hoe



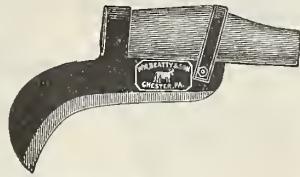
Two prong, very useful in working narrow rows. Price, 50c.

## Eureka Weeder



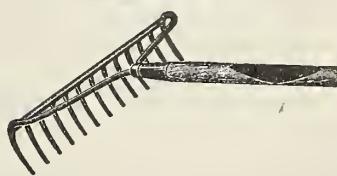
A good tool for scratching about plants. Price (mail weight, 2 lbs.).....\$0.50  
Secor, or small 5 tooth (mail weight, 1 lb.).....15  
Hand Weeding Forks.—3 tine.....50  
Hand Weeding Forks.—4 tine.....25

## Bush Hook



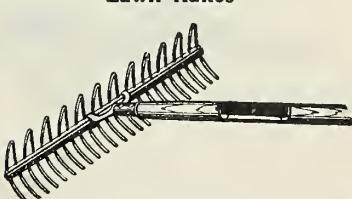
Two-Ring Bush Hook.....\$2.00

## Steel Bow Rake



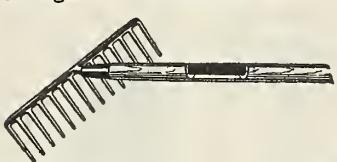
The teeth have a slight curve as shown in cut. Some people prefer this style. B 10.—10 tooth, 80c. B 12.—12 tooth, \$1.05  
B 11.—11 tooth, 85c. B 14.—14 tooth, \$1.10

## Lawn Rakes



Lawn Queen Wire Rake, 24 Teeth.....\$0.85  
Ole Olsen Wood Rake, 26 Teeth.....1.25

## Straight Tooth Garden Rake



10 tooth, malleable.....\$0.45  
12 tooth, malleable.....50  
12 tooth, extra quality steel.....95  
14 tooth, extra quality steel.....1.00

## Turf Edgers



For trimming paths. No. 040 True Temper.....\$1.00

## Garden Trowels



Finest Steel. Johnson Forged Steel Socket.....\$0.85  
Red Socket, Fine Steel.....30  
Extra Quality Shank.....25  
Good Quality Shank.....20  
Transplanting Trowels.—5 inch.....20  
Transplanting Trowels.—7 inch.....25  
All Steel Trowel.....25

# HORTICULTURAL TOOLS AND SUPPLIES—Continued

Postage Extra. Consult "Postal Directions" inside front cover.

## Grass Hooks



Little Giant ..... \$0.75  
Economy ..... .50  
Not mailable.

## Scythe Stones



Darby Creek ..... \$0.20  
English, Round ..... .30  
De Sanno. Unbreakable ..... 15c.  
Not mailable.

## Tree Pruners



50, Pexto American, mail weight, 2 lbs.	\$0.85
R 50 " " " " 2 lbs.	1.00
60 " " " " 2 lbs.	1.00
R 60 " " " " 2 lbs.	1.25
65 " " " " 2 lbs.	1.50
R165 " " " " 2 lbs.	2.00
R 70 " " " " 2 lbs.	1.75
R170 " " " " 2 lbs.	2.25
14, Nickeled, 6½ in., mail wt., 1½ lbs.	1.40
140, Black ..... .75	

## Hand Pruners



## Scythes

Double ribbed backs. Extra strong heel.  
Bush ..... \$2.00  
Weed ..... 1.80  
Grass ..... 2.25  
Handles, Heavy ..... 2.00  
Handles, Light ..... 1.75

## Grass Shears



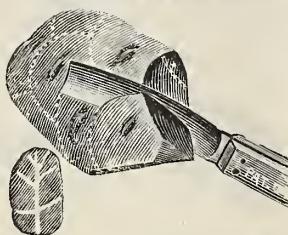
Polished, fine steel ..... \$0.75  
Good quality ..... .50  
Mail weight, 2 lbs.

## Vine Cutter. Price, \$1.00



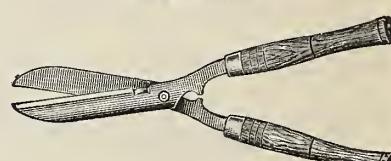
For cutting sweet potato vines, etc. Saves the back.

## Concave Potato Knife



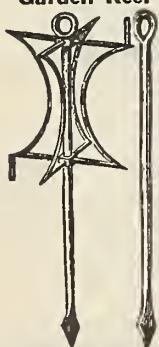
A handy knife for cutting seed potatoes and shaped so as to cut enough flesh with each eye to strengthen and vitalize it. By using this knife you will save time, labor and seed. Right or left hand. 35c. each, postpaid.

## Hedge Shears



Ladies', 6½ inch, mail wt., 3 lbs. .... \$1.50  
8-inch, with notch, mail wt., 3 lbs. 2.25  
9-inch, with notch, mail wt., 4 lbs. 2.50  
10-inch, with notch, mail wt., 4 lbs. 2.75  
12-inch, with notch, mail wt., 5 lbs. 3.00

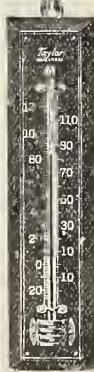
## Garden Reel



Galvanized. Large, single ..... \$3.00  
Large, double. 3.50

**Garden Line**  
Price on application.

## Tested Thermometers



Mushroom or Hotbed. Brass Pointed. \$2.50 Household. All grades, 35c. to \$1.50. Mail Wt. 1 lb.

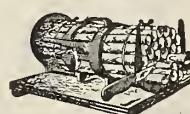
Household.

## Transplanting Trowels



Price, 75c.  
Mail Wt. 2 lbs.

## Asparagus Buncher



Price with knife guard, \$3.50.  
Mail Wt. 6 lbs.

## Bateman Hoe

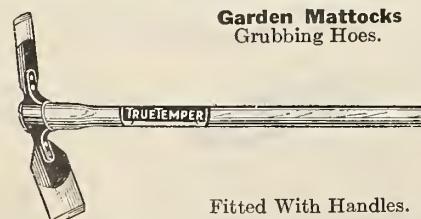
A hoe for digging potatoes, cutting corn stubble, etc.; a popular and reliable tool.

No. 1.—Blade 5½ wide, \$2.10.

No. 2.—Blade 6½ wide, \$2.25.

No. 3.—Blade 8 wide, \$2.50

## Garden Mattocks Grubbing Hoes.



Fitted With Handles.

True shape (as in cut) ..... \$1.00  
Half Mattocks or Grub Hoes, with handles. 1.50  
Long Cutter or Axe, pointed, with handles. 1.50  
Picks, with handle ..... 1.50  
Handles, separate ..... .60

## Dibbles



Iron Point, small, each ..... 60c.  
Iron Point, large, each ..... 65c.  
Brass point, each ..... 85c.  
Mail Wt., 2 lbs.  
Each

## "Goodwin Grass Shear"



The latest and best grass shear made of the finest tool steel.  
Price, \$1.75 Mail Wt., 2 lbs.

**Automatic Corn Planter**

Saves three-fourths the time consumed in the old laborious method of planting with a hoe by using this tool.



In this planter the seed is delivered from the dropper to the receptacle at the bottom, which, when opened by pressing over on the foot, leaves it at once at the depth required, avoiding the trouble found with all hand planters that deliver the seed direct from the dropper to the soil. It also has a most convenient attachment for regulating the depth of planting; this can be raised or lowered in a moment, and insures delivery of the seed at precisely the depth required, whether the soil be hard or mellow.

Price, \$2.25 Mail Wt., 6 lbs.

**Asbestos Torches**

For burning caterpillar webs from trees. Each, 50c.

**Raffia**

A natural grass for tying plants and for bunching vegetables. 10 lbs., \$2.50. Per lb., 30c.

**"Schoendigs" Fruit Pickers**

Wire frame with cloth bag. Fruit can be picked without being bruised. Each, 50c.

**Schoener's Combination Hoe**

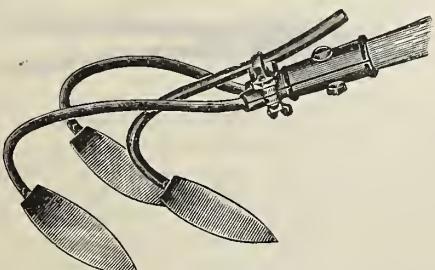
A handy tool in two parts. Can be used as a Hoe or Plow and adjusted to any angle. Mailing weight, 3 lbs. Price, \$1.50, packed.

**Hotbed Mats**

Made of burlap, wool shoddy filled and well quilted. One size only, 76x76, at \$3.25 each; \$32.50 per dozen.

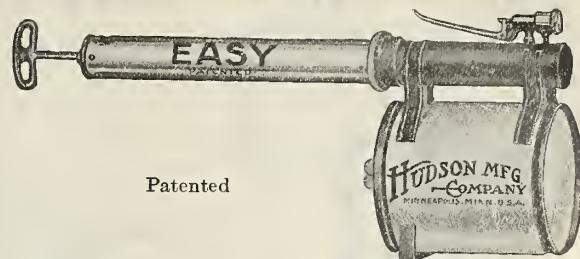
**Will's Sprinkler**

**Will's Lawn and Garden Sprinkler.**—Made of  $\frac{1}{2}$ -inch galvanized perforated pipe, mounted on solid standards. This sprinkler can be drawn across the lawn or garden without shutting off the water. Can be supplied in 4, 5 and 6 foot lengths. Prices: 4 ft., \$3.00; 5 ft., \$3.75; 6 ft., \$4.50.

**Gardener's Friend Handy Cultivator**

This cultivator is also equipped with a shield which is used in place of the center tooth when cultivating young plants. By reversing the center tooth it can be used for opening the drills when sowing seed. This tool is made of the best steel. Price, complete, \$2.00.

Mail weight, 5 lbs.

**Easy Sprayer**

Patented

This is the only successful one-gallon compressed air sprayer. Pump is detachable at valve seat, making valve very accessible for cleaning or inspection.

Tank made of galvanized steel or brass.

Capacity one gallon.

Shipping weight, 4 pounds.

Galvanized Tank. Price each. \$3.75

**THE "OUT-U-KUM"****WEED PULLER****An Entirely New Principle**

A slight Push and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the entire root.

When pushed into the ground, the two points guide the BRIDGE down alongside the weed, loosening the soil from that side. It then crosses under the root disengaging the latter. As the tool is withdrawn the BRIDGE slips up the opposite side of the weed, loosening the ground from that side and engages the head of the weed above the ground. The now thoroughly loosened weed is readily withdrawn in its entirety with little or no clinging soil.



Price, \$1.00 Each. Mail weight, 2 lbs.

**The Multitool****Price**

Complete,

\$5.00

Postpaid.



The Multitool consists of 5 Reversible and Interchangeable blades, combining 18 cutting edges, together with a Universal joint at the end of a 5 foot handle.

One man with a Multitool will accomplish twice the work of one man with a hoe.

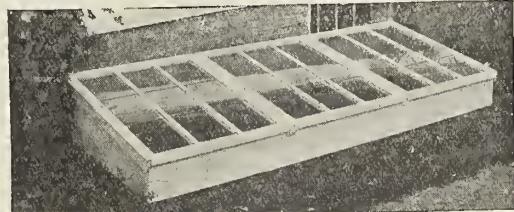
It is also used as a garden rake, as a thinning tool, sidewalk trenching tool, as a scythe for cutting large weeds and grass, as a hand cultivator and soil pulverizer, and entirely displaces many small tools.

We guarantee the Multitool to give satisfaction or your money refunded. We also guarantee workmanship and material.

Write for Circular.

**Junior Boosters**

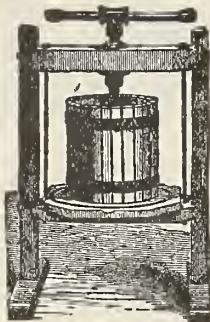
Used as hot beds with manure below the soil to furnish heat, you can easily get a running jump of four to six weeks over outdoor plants or vegetables or flowers.



Two sash booster with glazed sash, both painted,  $3\frac{1}{2} \times 6$  ft. \$14.50  
Three sash booster with glazed sash, both painted,  $3\frac{1}{2} \times 9$  ft. 20.00

Shipped knocked down

## Cider or Fruit Presses



These presses are strongly constructed of hard wood, well bolted together and nicely finished.

### First Quality

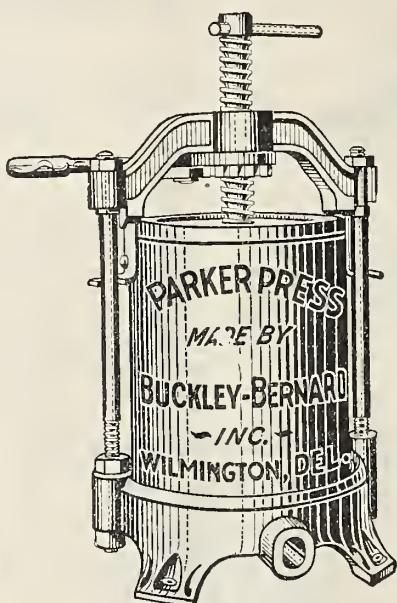
No. 1.....	\$8.00
No. 2.....	10.00
No. 2½.....	12.00
No. 3.....	14.00

### Handy Fruit Grinder, \$7.00

#### Combined Grinders

Gem self-feed No. 0.....	\$17.50
Gem self-feed No. 1.....	20.00
Junior.....	30.00
Medium.....	32.50

## Parker Fruit Press



This machine is made entirely of metal. The capacity is six quarts and operates with both screw and ratchet pressure, giving more juice than any other press on the market. Handsomely finished in Robin's Egg Blue enamel. Can also be used for Jellies, Meats, Lard, etc. Parcel post weight, 33 lbs. Price, \$10.00

If wanted by parcel post, add postage.

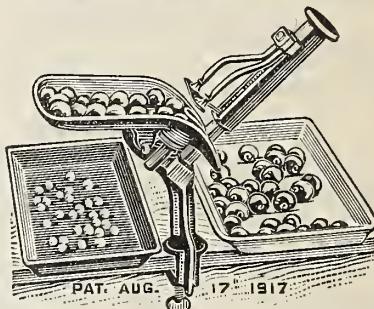
## The Brownee Fruit Press



The Brownee Fruit Press can be used to press any kind of fruit and will do it in less than half the time taken by the old style methods. This press is guaranteed by the manufacturer for one year.

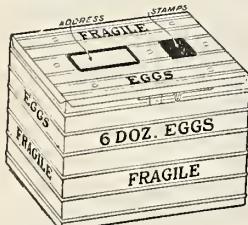
This press is constructed out of kiln dried maple wood. Base and all other parts coming in contact with Fruit juices are made out of aluminum metal, which is guaranteed never to rust or discolor the juice. Parcel Post Weight, 10 lbs. Price, \$4.25. Postage Extra.

## "HOME" CHERRY STONER

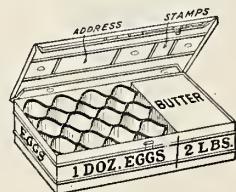


Price each, \$1.00. Mailing Weight, 3 lbs. Postage extra.

## New Model Metal Aluminized Egg Crates



With  
Metal  
Edge  
Filler



Solve the problem of shipping eggs, butter and other farm products by Parcel Post. They are made for continued use, being strongly constructed but light in weight.

All crates are provided with built-in shock absorbers to give a cushion for the eggs. Fillers to hold the eggs are made for long life.

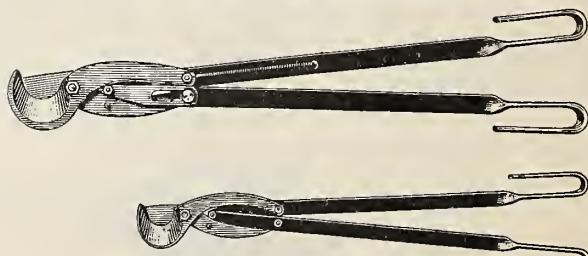
Metal Egg Crates do not require outside wrapping for mailing. A short string only is needed for tying "pin" which holds lid securely closed.

### Prices

	Weight	
1½-dozen size—all eggs.....	3 lb.	\$1.25
Two-dozen size—all eggs.....	3 lb.	1.50
Three-dozen size—all eggs.....	3 lb.	1.75
Four-dozen size—all eggs.....	4 lb.	2.00
Six-dozen size—all eggs.....	5 lb.	2.50

Postage extra.

## McKenney Tree Pruner and Lopping Shear



The makers claim for the "McKenney" Pruner, the easiest cutting pruner in the world; the only perfect cutting pruner in the world. One that does not injure the bark in any way, as both blades have cutting edges; the only pruner that will cut seasoned limbs 1½ in. in diameter; the lightest pruners on the market. "McKenney" Pruners are made of steel throughout; nothing about them to break. The blades are dropped forged from the bar steel and therefore are as strong as they can possibly be made. The handles are of steel; the hand-grip is designed so that the pruner may be carried on the belt.

No. 1. Cuts limb up to 1 inch in diam.; mail weight, 2 lbs.; 23 inches long, \$4.50.

No. 2. Cuts limb up to 1½ inch in diam.; mail weight 5 lbs.; 30 inches long, \$6.50.



# SPRAY-TABS

BORDEAUX-ARSENATE TABLETS

INSECTICIDE and FUNGICIDE COMBINED  
PERFECT SPRAY MATERIALS IN  
TABLET FORM

SAFE—ECONOMICAL—CONVENIENT

Never before has the gardener and plant grower had the advantage of a combined insecticide and fungicide in tablet form. It eliminates much of the danger and risk which come to children, birds, and stock from the ordinary loose powders and poisons.

### Use Complete Spray and Reduce Spraying Costs

When you apply insecticide and fungicide in one operation you save much time, labor and money. There is a saving in amount of materials used and an elimination of waste of unused portions when you use tablets and get a uniform solution always.

30 Cents a Packet

## VAYCIDE "40" DUST

For Controlling

### Aphis or Plant Lice and Leaf-Eating Insects

Kills Both Leaf-Eating and Sucking  
Insects.

Vaycide "40" Dust can be used in any type of dust gun, hand or power. To obtain best results, foliage should be dusted on the underside, as well as on top. When it is dusted on crops, it will keep them free from insects, and will cause the foliage to take on a dark green color, and will prolong the growing season of the crops, with the result of high yield of fine quality products.

Prices, 1 lb., 40c.; 3 lbs., \$1.00; 5 lbs., \$1.50.

If wanted by mail, add postage.

## HALLS'

### "Nicotine Sulphate Solution"

40% Nicotine

An efficient insecticide for all plant lice and similar soft bodied insects attacking plants and trees, for outdoor spraying only. To obtain the best results this solution must be mixed with soap,  $\frac{1}{2}$  lb. Nicotine and 2 lbs. of soap being sufficient to make 40 gallons of spray material.

1 oz., 35c.;  $\frac{1}{2}$  lb., \$1.25; 2 lbs., \$3.50; 10 lbs., \$13.50.

Not Mailable.



PROTECTS YOUR CROPS

against the ravages of the Root Maggot,  
and enables you to grow successfully

RADISHES KALE CABBAGE  
CAULIFLOWER ONIONS TURNIPS

2 lb. packages	... \$0.35	Mailing Wt.	3 lbs.
4 lb. packages	... .60	"	5 lbs.
8 lb. packages	... 1.00	"	9 lbs.
25 lb. sacks	... 2.50	"	26 lbs.
100 lb. sacks	... 8.50		

## SCALECIDE

"Makes a Tree Outgrow Its Troubles"

Guaranteed to kill San Jose Scale without injury to the tree or fruit bud. May be used on all trees or shrubs that drop their foliage in the winter.

Spray any time in the dormant season for blight canker, collar rot, leaf roller and scale. For pear psylla and peach leaf curl spray in the fall. Spray for aphids in the spring.

Exerts extraordinary invigorating effect on tree growth. Use one gallon to 15 gallons of water.

### PRICE:

1 Quart	\$0.60c
Gallon	1.45
5 Gallon	6.45

Prices of larger quantities on application

## SULFOCID

A Better Summer Spray

A powerful fungicide for many fungus diseases of apples, pears, peaches, etc. Also for blight on potatoes, beans, melons, etc., in fact, anywhere a strong fungicidal spray is needed.

Can be used with calcium arsenate on apples, pears and potatoes. Don't use with arsenate of lead.

When used alone or combined with nicotine sulphate, always add 12 oz. or 1 bar of ordinary soap - first dissolved in boiling water - to each 50 gallons of spray.

Use one gallon to 200 gallons of water.

### PRICE:

1 Pint	\$0.50c
1 Quart	.75c
1 Gallon	2.25
5 Gallon Kegs	8.75

Write for prices on larger quantities.

## Fungi-Bordo

It is no longer necessary to go to the trouble of making up your own Bordeaux Mixture, neither is it necessary to handle the heavy paste Bordeaux Mixture. Use

## SHERWIN-WILLIAMS FUNGI-BORDO

A True Bordeaux Mixture in Dry Powdered Form

It does not deteriorate like the paste Bordeaux Mixtures and you always have a fresh mixture for each spraying, insuring good results.

Come in and let us talk over your spraying material requirements. We have some good literature on spraying that is yours for the asking.

## Protect Your Crops

Not only against insects but against disease as well. Use

## SHERWIN-WILLIAMS PESTROY

A Combination of Arsenate of Lead and Bordeaux Mixture in Dry Powdered Form

This spray has the killing power of Arsenate of Lead and the fungus preventive qualities of Bordeaux Mixture. It sticks to the leaves and makes big healthy fruit. When used according to directions, a spray solution will be secured containing approximately 1-1/3 pounds of Arsenate of Lead and the standard 4-4/50 Bordeaux Mixture formula.

Drop in and get descriptive literature and prices.

## Sound Fruit Brings Big Prices

But you cannot have sound, healthy fruit without the use of proper spray materials.

## SHERWIN-WILLIAMS DRY LIME-SULFUR

Standard Lime-Sulfur Solution in Dry Powdered Form

Will insure you large fancy fruit that brings good prices. Use it as a dormant spray against the scale and combine it with your Arsenate of Lead for summer spraying.

Come in and let us tell you more about Dry Lime-Sulfur and let us quote you prices.



**Inoculate Your  
Alfalfa, Clovers, CowPeas, SoyBeans, Vetches  
and  
Other Legume Crops  
WITH**

# **Mulford Cultures**

**FOR LEGUMES**

Small Cost      Large Returns      Easy to Use      No Labor Expense



ALFALFA	COW PEAS
CRIMSON	SOY BEANS
CLOVER	LIMA BEANS
SWEET CLOVER	SWEET PEAS
WHITE CLOVER	GARDEN PEAS
RED CLOVER	GARDEN BEANS
ALSIKE CLOVER	VETCH
MAMMOTH CLOVER	

**Mulford Cultures** will supply your legume crops with billions of nitrogen-collecting bacteria. These bacteria will be busy all winter long gathering free nitrogen from the air and storing it in your soil for following crops.

Furthermore, **Mulford Cultures** will make your clover vetches and other legume crops bigger, stronger, healthier—will make them richer as feed crops and more profitable as fertilizing crops.

An inoculated cover-crop planted each fall will always keep your soil well supplied with humus and nitrogen—will insure your land against wearing out.

**Mulford Cultures** contain enormous numbers of the desired nitrogen-fixing bacteria. The sealed bottles insure purity.

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

**Prices:** 5-Acre Size, **\$5.00** ("A Dollar per Acre"). Postage, 25c. Extra. 1-Acre Size, **\$1.50**. Postage, 10c.  $\frac{1}{4}$ -Acre Size, **75c.** Postage, 10c. Small Size (Supplied only in four varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas), **35c.** Postage, 5c.

FREE DESCRIPTIVE LITERATURE SENT ON REQUEST



## SEED INOCULATION

Seeds of all legumes—beans, peas, clover, alfalfa, and related crops—will yield far better if inoculated with Farmogerm or Humogerm, and in addition leave in the soil a heavy deposit of nitrogen which benefits all succeeding crops. Gardeners and farmers who have used FARMOGERM or HUMOGERM would not be without it.

### Farmogerm Stays Good Indefinitely

**Farmogerm** keeps for years. Because of the method of sealing the bottle—a patented stopper which admits filtered air and keeps out all impurities—**Farmogerm** is just as good in five years as when first bottled. Other inoculants get weaker each day—**Farmogerm** ALWAYS HAS ITS FULL STRENGTH. Just add water and shake the bottle and sprinkle over the seeds as directed. Your crop will benefit beyond your expectations.

### Farmogerm is Economical

No other inoculant on the market is so strong and virile; no other inoculant will thoroughly treat as much seed. The one-acre size bottle of **Farmogerm** is sufficient for 15 pounds of clover, 20 pounds of alfalfa, 100 pounds of Canada Field Peas, 60 pounds of Vetch, etc. A different bacteria is required for each crop. WHEN ORDERING BE SURE TO STATE WHAT CROPS YOU WISH TO INOCULATE.

Prices: 1-acre size, **\$1.00**; 3-acre size, **\$2.50**; 12-acre size, **\$9.00**. Trial size: No. 5, for peas, beans and sweet peas— $\frac{1}{4}$  acre size only **50c.**

### HUMOGERM is Economical and Easy to Use

Humogerm carries the nitrifying bacteria in a porous humus medium which acts as a natural home for them—keeps them fresh, active and vigorous. The ventilated cans are friction top and open easily without cutting.

Place seed in pile, moisten with water and a little sugar, pour on HUMOGERM, and plant in usual way. This gives thorough inoculation, and is cheaper, safer and better than the discredited, laborious soil transfer method.

### How to Order

Specify crop and number of bushels you wish to inoculate. The can unit designations are on the bushel basis; for instance, the 1 bu. size contains sufficient culture to thoroughly inoculate 1 bu. of legume seed, any variety.

When more than one bushel of seed is planted to the acre, the 1 bu. size contains sufficient inoculation for the amount of seed planted on one acre.

Special garden size for peas, beans and sweet peas, **25c.** You will be delighted with the fine results. Prices:  $\frac{1}{4}$  bu., **35c.**;  $\frac{1}{2}$  bu., **60c.**; 1 bu., **\$1.00**;  $\frac{3}{4}$  bu., **\$2.25**.

### Earp Thomas Soil Tester

The **Earp-Thomas Soil Tester** is an instrument which shows at a glance whether or not your soil is sour" and needs lime. It is easy to use, simple in operation and accurate.

It is not necessary to maintain a laboratory—the Earp-Thomas Soil Tester will make accurate tests right on the field. It may be carried conveniently in the pocket.

The cost of making the tests is practically nothing and the first cost of the Earp-Thomas Soil Tester can often be saved out of your lime order the first season. You need have no more doubts as to the exact amount of lime the soil in any field or plot contains, and you can avoid the losses which always follow the planting of a crop requiring a sweet soil on one which is acid.

Price complete, postpaid . . . . . **\$5.00**

Prices Subject to Change Without Notice.

## INSECTICIDES AND FUNGICIDES

Only those Insecticides marked \* thus can be mailed. Posting extra. Consult Postal Directions on front inside cover page.

**\*Ant-I-Cide.**—The lawn saver. The ant is a very persistent pest. Use Ant-I-Cide, which is in powder form, in order to protect your lawn from destruction by the ant pest. Directions on 1-lb. box. Price, **30c.** Sent by mail at purchaser's expense. Mailing weight, 2 lbs.

**Arsenate of Lead** (Dry Powder Form).—Being the more popular form of this destroyer, owing to its economical ways of being applied (can be used either as dusting powder or diluted in water). Dusting directions, 1 to 2 lbs., per acre. Diluted in water, 1 lb. to 50 gals.

Price,  $\frac{1}{2}$  lb., **25c.**; 1 lb., **45c.**; 5 lbs., **\$2.00**; 10 lbs., **\$3.50**; 25 lbs., **\$8.00**.

**Black Leaf 40.**—A concentrated nicotine spray for all sucking insects. 1 oz., **35c.**;  $\frac{1}{2}$  lb., **\$1.25**; 2 lbs., **\$3.75**.

**Bordeaux Mixture (Paste).**—For Blight, Mildew, Rust and Fungus Diseases. Also prevents and cures Black Rot and Scab. Dilutes 1 lb. to 5 gallons water.

1 lb., **30c.**; 5 lbs., **\$1.25**; 10 lbs., **\$2.25**.

**Bordeaux Mixture (Powdered).**—Used same as Bordeaux Mixture Paste or liquid. Also used for dry dusting. Dilutes 1 lb. to 8 gallons water.

$\frac{1}{2}$  lb., **20c.**; 1 lb., **35c.**; 5 lbs., **\$1.50**; 10 lbs., **\$2.75**.

**Bordeaux Lead (Paste).**—A combined fungicide and insecticide for all fruits, flowers and vegetables.

1 lb., **35c.**; 5 lbs., **\$1.50**; 10 lbs., **\$2.50**.

**Bordo-Lead (Destroy) (Powdered).**—For dusting or can be used as liquid. Directions: Use 4 lbs. to 50 gallons of water. Prices,  $\frac{1}{2}$  lb., **25c.**; 1 lb., **45c.**; 5 lbs., **\$2.00**; 25 lbs., **\$5.75**.

**\*Bug Death.**—A non-poisonous insect-killing powder, for cabbage and tomato worms, potato and cucumber bugs, etc. Apply with a duster, bellows or powder gun, at the rate of about 12 lbs. per acre. Price, **20c.** per lb. (mail weight, 2 lbs.); 3 lbs., **50c.** (mail weight, 4 lbs.); 5 lbs., **70c.** (mail weight, 6 lbs.).

**Calcium Arsenate.**—For spraying and dusting potatoes for bugs and fungus trouble.

$\frac{1}{2}$  lb., **25c.**; 1 lb., **45c.**

**Fir Tree Oil Soap.**—For scale, mealy bug and aphis.

$\frac{1}{2}$  lb. can, **30c.**; 2-lb. can, **85c.**

**Helebore, Powdered White.**—Less poisonous than Paris Green and safer to use where fruit is nearly ripe.

$\frac{1}{2}$  lb., **30c.**; 1 lb., **55c.**

**Hydroxide.**—Insecticide and fungicide. A general spray for all flowers, fruits and vegetables. 1 lb., **45c.**; 5 lbs., **\$2.00**; 25 lbs., **\$7.50**; 50 lbs., **\$13.50**.

**Lemon Oil.**—An efficient insecticide for all sucking insects and soft scales. It is applied as a spray or wash and has an agreeable odor.

Price,  $\frac{1}{2}$  pint, **35c.**; 1 pint, **60c.**

**Bee Brand Insect Powder.**—A high grade powder harmless to animals and mankind, but especially recommended for lice, fleas, bed bugs, mosquitoes, moths, ants, and many plant insects. Sifter top cans, **10c.** each, **25c.** each, **50c.** each, **\$1.00** each.

### Why Raise Roses to Feed Bugs



**Melrosine.**—The only remedy—endorsed by leading authorities. The GENERAL CONTACT INSECTICIDE that KILLS ROSEBUGS and other insects. Used with any good spray-pump, diluted with from 20 to 25 parts of water. Pleasant and harmless to use. Guaranteed effective when used according to directions on can. Gal., **\$6.00**; Half Gal., **\$3.25**; Qt., **\$1.75**; Pt., **\$1.00**. Trial size, **50c.** By mail or express at customer's expense. Or Trial Size, sufficient to make one gallon when diluted, and care for several plants for the season, postpaid for 60 cents.

**Lime Sulphur Solution.**—For all scale insects on trees and shrubs, also of benefit for such fungus bark diseases as can be treated in winter. Must be diluted and applied with a spray pump while the trees are dormant, after the leaves have fallen in fall and before the buds swell in spring. It can be used quite strong during mid-winter. One gallon to 10 of water. Price, quart can, **45c.**;  $\frac{1}{2}$  gallon, **75c.**; one gallon, **\$1.10**.

**Lime-Sulfur** (Dry Powdered).—The most efficient form of this highly celebrated spraying compound. Dissolves instantly in cold or hot water. Directions: Dissolve at rate of 10 lbs. to 50 gals. water. 1 lb., **35c.**; 5 lbs., **\$1.40**; 10 lbs., **\$2.25**; 25 lbs., **\$4.50**; 50 lbs., **\$7.75**; 100 lbs., **\$15.00**.

**Niagara Sulphur Compound.**—For all scale diseases. Dilute 1 lb. to 4 gallons of water. 1 lb., **30c.**; 5 lbs., **\$1.25**; 10 lbs., **\$2.25**.

**Niagara All in One.**—A general insecticide and fungicide in powder form for all eating and chewing insects and fungus troubles. 1-lb. can, **50c.**

**Pyrox** REG. U. S. PAT. OFF.  
TRADE MARK REGISTERED  
The well-known fungicide and insecticide. A general spray for all eating insects and fungus troubles. 1 lb. makes 5 gallons of spray material. 1 lb., **40c.**; 5 lbs., **\$1.50**; 10 lbs., **\$2.50**; 25 lbs., **\$5.75**.

**Paris Green.**—Applied as a powder it should be mixed with plaster or flour, 100 parts to 1 part of Paris Green; in solution mix 1 lb. to 100 gallons of water. Price,  $\frac{1}{2}$  lb. package, **30c.**; 1-lb. package, **55c.**; 5 lbs., **\$2.50**; 14 lbs., **\$6.00**; 100 lbs., **\$45.00**.

**P. T. B. Para Dichlorabenzine.**—A successful remedy for Peach Tree Borers. Directions with each package. Per lb. can, **60c.**; 5 lbs., **\$2.50**; 10 lb. can, **\$4.50**.

**Red Wing Insect Powder.**—For the destruction of lice, roaches, fleas, bed bugs, ants, flies, etc. It will also destroy all leaf eating insects that infest the garden and house plants. Package used as follows. **15c.** each.

**Pruning Compound.**—A thick paint for applying after pruning. Covers the cuts with an elastic film. **75c.** per quart. **\$2.25** per gallon.

**Rajah.**—A distinctive disinfectant and deodorizer for destroying flies, moths, mosquitoes, roaches, etc. Price, small can, **25c.**; large can, **50c.** Not mailable.

**Readeana.**—For rose bugs, green and red aphids and other sucking insects.

**30c.** per 4 ozs.; **50c.** per 8 ozs.

**Scale Destroyer.**—A liquid oil emulsion which remains on the trees, softening and killing scale, and keeping the bark in good condition.

1 quart, **60c.**; gallon, **\$1.45.**

**\*Slug Shot.**—One of the old and well-known remedies for destroying slugs, currant worms, cabbage worms and all of the soft-shelled insects which trouble vegetation. 1-lb. shaker box, **20c.** (mail weight, 2 lbs.); 5 lbs., **60c.** (mail weight, 6 lbs.); 10 lbs., **\$1.10.**

**\*Sulphur, Flowers of.**—Price, **10c.** per lb., **10 lbs., 80c.**; 25 lbs., **\$1.75.**

**\*Tobacco Dust, Fine.**—For green and black aphids, flea-beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots. Price, **10c.** per lb.; 5 lbs., **40c.**; 10 lbs., **60c.**; 25-lb. bag, **\$1.25**; 50-lb. bag, **\$1.80**; 100 lb. bag, **\$3.50**.

**\*Tree Tanglefoot.**—An absolute safeguard against all creeping insects on trees. Apply with paddle, making a band around the tree 3 in. wide. Vermin cannot get over it. 1-lb. can (mail weight, 2 lbs.), **50c.**; 5-lb. can (mail weight, 6 lbs.), **\$2.25.**

**\*Fish Oil Soap (Whale Oil Soap).**—Makes an excellent wash for trees and plants where insects and eggs affect the bark.

$\frac{1}{2}$  lb. (mail weight, 1 lb.), **15c.**; 1 lb. (mail weight, 2 lbs.), **25c.**

**Tree Tanglefoot Roach and Ant Powder.**—For use in the Home or on Lawns, 1 lb. (Mail Wt. 2 lbs.), **25c.**

**Weed Killer.**—The method of killing weeds thoroughly by application of this liquid has become general. Used only on paths, drives, gutters and places where no growth is wanted. One gallon makes 40 gallons of treating liquid.

Price, 1 qt., **50c.**; 1 gal., **\$1.20.**

**Weed Killer, Fairmount.**—A most effective weed killer in liquid form. Use 1 gallon to 50 gallons of water. Price,  $\frac{1}{2}$  gal., **75c.**; 1 gal., **\$1.25**; 5 gal., **\$6.00**; 10 gal., **\$11.00**.

**Worm Eradicator, Reade's Electric.**—The best preparation for destroying worms of all kinds, infecting lawns, golf grounds, greenhouses, etc. One gallon diluted with water makes 150 gallons for use.

$\frac{4}{oz.}$ , **30c.**

**Worm Killer.**—In powder form for destroying cut worms that infest the early vegetables. Lb., **35c.**

**1923  
ORDER SHEET**

# I. N. SIMON & SON,

436 & 438 MARKET STREET  
PHILADELPHIA  
PENNSYLVANIA, U. S. A.

**All members of one family should order under one name.**

Please forward the following as per terms of your Descriptive Catalogue to

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Write name and address very plainly.)

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S1

## HOW SHALL WE SHIP? { State on this line whether wanted } —

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by Mail, Express or Freight

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## *How to Send Remittance*

**Never send Bills or Currency in a letter. If necessary to do so be sure to REGISTER IT.  
The safest form of remittance is a Check, Post Office or Express Money Order.**

**I. N. SIMON & SON** give no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once. (OVER)

## SPECIAL NOTICE:

We shall esteem it a great favor if you will give us in the spaces below the NAMES AND ADDRESSES of any Market Gardeners or Truck Farmers among your acquaintances. We wish to send them our SEED ANNUAL.

# FERTILIZERS

All prices subject to change without notice.

**Ashes.—(Domestic Hard Wood).**—Very high in potash: fine for top dressing lawns—mixed with pulverized manure—makes an excellent fertilizer for all purposes. Apply 1500 to 2000 pounds per acre. 25 lbs., **75c.**; 50 lbs., **\$1.35**; 100 lbs., **\$2.50**; bbl., (200 lbs.), **\$4.00**; ton, F. O. B. store, **\$35.00**; ton F. O. B. shipping point (within 25 miles of Philadelphia), **\$21.50**.

**Bone Meal (Extra Fine).**—This fertilizer we recommend for lawns, rose bushes, grape vines, especially where a moderately slow fertilizer is needed, for the deep-rooted shrubbery and where a perfectly safe fertilizer is wanted. 2 lbs., **15c.**; 5 lbs., **35c.**; 10 lbs., **60c.**; 25 lbs., **\$1.25**; 50 lbs., **\$2.00**; 100 lbs., **\$3.75**; bag, 200 lbs., **\$6.50**. Apply at rate of 1000 lbs. to an acre. Ton—Price on application.

**Complete Animal Base.**—A high-grade mixture for general crops. Per 200-lb. bag, **\$3.50**; per ton, **\$32.50**.

**Lime (Hydrated Agricultural).**—Used to correct acid soils, also to hold sandy soil together, thus making it retain more moisture. Lime also breaks up clay soils, making them easy to till. Use 1200 lbs. to 1 ton to the acre.

Price, 10 lbs., **35c.**; 50 lbs., **\$1.00**; 100 lbs., **\$1.75**.

**Potato and Truck Special.**—A high-grade fertilizer for potatoes and all crops. Per 200-lb. bag, **\$5.00**; per ton, **\$45.00**.

## Stanley's Crow Repellent

Saves replanting, insures your sprouting corn against destruction by birds and animals. Aids and hastens germination of the seed corn. Protects seed against rotting in the ground. Prevents loss of seed and labor of replanting.

Large can, enough for two bushels of seed corn, **\$1.50**.

Small can, enough for one bushel, **\$1.00**.



A powerful, highly concentrated and soluble plant food for FLOWERS, HOUSE PLANTS, LAWNS, SHRUBBERY AND GARDENS

The most highly concentrated and properly balanced fertilizer ever compounded.

Many times the strength of ordinary fertilizers. Never before

has such a high analysis been attained.

So strong that a pinch will intensely fertilize a house plant, a small package, 200 square feet.

Promotes quick and luxuriant growth and deep green color to foliage and gives rich brilliant color to flowers.

Standard Flower and Garden Fertilizer will revive those puny pale, sickly plants, flowers, shrubs, etc. A trial will convince.

## PRICES

1/2 b. package.....	\$ .35
1 lb. package.....	.60

## ANALYSIS

Nitrogen.....	15 to 17 per cent.
Equiv. Ammonia.....	18 to 20 per cent.
Avail. Phosphoric Acid.....	10 to 12 per cent.
Potash (K-2-O).....	8 to 10 per cent.

Can be used dry or dissolved in water. Full directions on every package. It is odorless.

**General Crop Grower (Trucker's Favorite).**—This is a combination brand of fertilizer containing 1 per cent. Ammonia, 8 per cent. Phos. Acid and 1 per cent. Potash.

Sack of 200 lbs., **\$3.00**; ton, **\$26.00**.

**Land Plaster.**—Very useful for top dressing. Is a good medium for retaining the fluids and ammoniates when mixed with manures. Mixed with Paris Green is used for dusting plants to destroy vermin. 10 lbs., **40c.**; 25 lbs., **75c.**; 50 lbs., **\$1.10**; 100 lbs., **\$1.90**; bag, 200 lbs., **\$3.50**.

**Natural Humus.**—A great soil regenerator and plant food. The very best material for top dressing lawns, and for indoor use in conservatories, flower boxes and pots. Price, 5 lbs., **35c.**; 25 lbs., **90c.**; 50 lbs., **\$1.50**; per 100-lb. bag, **\$2.50**; per ton, **\$32.00**. F. O. B. Philadelphia.

**Nitrate of Soda.**—Valuable for the nitrogen it contains. Is an excellent stimulant, and is used in addition to other fertilizers. Is quick in action, hastening crops to maturity. Applied after plants are above the ground by dusting or by trenching, use 100 to 500 lbs. per acre. As a liquid, 5 lbs. to 80 gals. of water. (Not mailable.) Price, on application.

**Sheep Manure.**—The most popular article for general fertilizing purposes. This is a high-grade manure, dried and pulverized, giving lasting results. Can be applied by diluting in water or mixing with soil. Used for garden crops, 1 to 2 tons per acre, half before plowing and balance after harrowing. For top dressing grass, 1 ton per acre, applying in fall or early spring. Excellent for house plants as well as for outdoor plants. 5 lbs., **35c.**; 10 lbs., **60c.**; 25 lbs., **\$1.25**; 50 lbs., **\$2.00**; 100 lbs., **\$3.50**; 500 lbs., **\$14.50**; 1000 lbs., **\$26.00**; 1 ton, **\$50.00**.

We can also supply a general line of Fertilizers for all purposes. The analysis and prices of the same will be furnished on application. Please specify the kind of crop they are wanted for.

## Shur-Gro Odorless Fertilizer

Nature's complete 100 per cent plant food. A high-grade fertilizer for lawns, flowers and gardens.

### TEN REASONS WHY SHUR-GRO IS BEST



First—Odorless.

Second—Complete 100 per cent plant food.

Third—Will not rot sacks.

Fourth—Will not harden.

Fifth—Will not revert.

Sixth—The lime content is free and soluble.

Seventh—Entirely free from sulphuric or other injurious acids.

Eighth—Plant growth begins in decomposition and decay, and is followed by absorption.

Ninth—No disease of plants can exist when the soil is supplied with all the minerals essential to vegetation.

Tenth—That nitrogen, while essential to all living organisms, is not a plant food. Nitrogen is the "breath of life."

## DIRECTIONS

Apply Shur-Gro direct to the soil. Either broadcast or drill in. All fertilizer should be thoroughly mixed with the soil.

Ten pounds of Shur-Gro will feed 500 sq. ft. of garden or 1000 sq. ft. of lawn.

Packed in 10-lb. paper sack, **65c.**; 25-lb. paper sack, **\$1.50**, and 50-lb. paper sack, **\$2.75**.

1923 PRICE LIST

# SIMON'S PERFECTION SEEDS

## for Market Gardeners



Simon's  
Cabbage Head  
Lettuce

*Absolutely the best variety for a spring or fall crop.*

*These three heads weighed five pounds, nine ounces, when cut; over one and three-quarter pounds each.  
For description and price see page 22.*

**I. N. SIMON & SON, 436-38 Market Street, Phila., Pa.**